

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 10/23/2014		2. CONTRACT NO. (If any) EP-W-14-001		6. SHIP TO: a. NAME OF CONSIGNEE Resources Management Division	
3. ORDER NO. 0001		4. REQUISITION/REFERENCE NO.			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code:	
				c. CITY Arlington	d. STATE VA
				e. ZIP CODE 22202	
7. TO: Frances Schossow				f. SHIP VIA	
a. NAME OF CONTRACTOR ICF Incorporated, L.L.C.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE REFERENCE YOUR: <input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
c. STREET ADDRESS 9300 LEE HIGHWAY				Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY FAIRFAX		e. STATE VA	f. ZIP CODE 220311207		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE OSRTI	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF a. INSPECTION Destination		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 09/09/2019	
b. ACCEPTANCE Destination				16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 072648579 IGF::CT::IGF This action is to initiate Task Order 0001 in EAS, with a Period of Performance through 09/09/2019 at a ceiling of Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		\$0.00	17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:							
	a. NAME RTP Finance Center						\$7,778,586.00	17(i) GRAND TOTAL
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive							
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711					

22. UNITED STATES OF AMERICA BY (Signature)

11/05/2014

ELECTRONIC SIGNATURE

23. NAME (Typed)

Christie M. Deskiewicz
TITLE: CONTRACTING/ORDERING OFFICER

SCHEDULE - CONTINUATION

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER
10/23/2014CONTRACT NO.
EP-W-14-001

ORDER NO.

0001

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>\$7,778,586.00. The Task Order was originally initiated on 10/23/2014 but because of an error in EAS, it was initiated via e-mail. The Contractor's proposal dated October 17, 2014 is hereby incorporated by reference. \$313,700.00 is pulled down from the contract and obligated to this Task Order. Gary Turner is appointed as TOCOR. Cheryl Johnson is appointed as the Alternate TOCOR. TOPO: Gary Turner Max Expire Date: 09/09/2019</p> <p>Admin Office: SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460</p> <p>Period of Performance: 10/23/2014 to 09/09/2019</p> <p>The purpose of this PR is to fund the OSRTI TECHNICAL ASSESSMENT, SUPPORT, OUTREACH, AND TRAINING contract (SOL-HQ-12-00020). Reference Line 216.</p> <p>Accounting Info: 14-T-72BT-303DD2-2505-HQ00BM00-1472BT5 034-001 BFY: 14 Fund: T Budget Org: 72BT Program (PRC): 303DD2 Budget (BOC): 2505 Job #: HQ00BM00 DCN - Line ID: 1472BT5034-001 Funding Flag: Partial Funded: \$0.00</p> <p>Accounting Info: 14-T-72BT-303DD2-2505-HQ00BM00-1472BT5 014-001 BFY: 14 Fund: T Budget Org: 72BT Program (PRC): 303DD2 Budget (BOC): 2505 Job #: HQ00BM00 DCN - Line ID: 1472BT5014-001 Funding Flag: Partial Funded: \$0.00</p> <p>The obligated amount of award: \$0.00. The total for this award is shown in box 17(i).</p>					

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

EPA CONTRACT NUMBER:

EP-W-14-001

RFO NUMBER: 001

- 1. TITLE: Training Support for the CERCLA Education Center**
- 2. ESTIMATED PERIOD OF PERFORMANCE: Proposal approval date through 09/09/19**
- 3. EPA TOCOR: Gary Turner**
- 4. BACKGROUND AND PURPOSE:**

This Task Order (TO) provides support for the EPA Office of Solid Waste and Emergency Response's (OSWER) CERCLA Education Center (CEC), the NARPM Annual Training Program, other training efforts, and meetings sponsored by EPA OSWER. The Contractor shall support tasks and activities for the CEC, the NARPM Annual Training Program, other training efforts, and meetings conducted by EPA OSWER. The Contractor shall support the delivery of the CEC training courses; provide and incorporate major and minor revisions to instructional materials as required for each delivery, including tailoring deliveries of the training to include the needs of specific audiences. Target audiences are EPA On-Scene Coordinators (OSC), Remedial Project Managers (RPM), other site managers, Community Involvement Coordinators, Site Assessors, Risk Assessors, Regulators, Headquarters Staff and Management, private academia and stakeholders as well as other Federal, state, tribal, and local government agencies. The Contractor also shall provide planning and coordination support for NARPM committee meetings; training development, delivery, and instruction; administrative and logistical for the training program; after-action activities; and support for NARPM as they meet throughout the year to support training for RPMs. It should be noted that while the Period of Performance for this Task Order ends in September of 2019, planning, scheduling and preparation for training courses often happens years in advance. This Task Order often refers to CEC Calendars through 2020 as much of the planning and the work involved for 2020 will be accomplished before the end of this POP. A summary of the types of tasks includes:

- Project management:
 - Conduct routine project management activities, including regular communication with the EPA TOCOR, tracking budgets, calculating projections, preparing monthly reports, and holding meetings with the training development and delivery teams
- Quick turnaround tasks, as identified via technical directive to support data calls from senior management.
- CEC Management
 - Draft biweekly accomplishment reports for senior management;
 - Coordinate with EPA Regional offices to identify and training space for the 2014-2020 CEC Calendar, as necessary;
 - Maintain and update the CEC flyers for each training course;

- File and process deliverables for deliveries of the CEC courses;
- Update the 2014-2020 CEC Calendar, as changes become necessary by legislation, budget, scheduling and events.
- CEC Media Library:
 - Maintain an electronic library of all CEC supported training either via Compact Disks (CD), Digital Video Disk (DVD) or portable external hard drive to provide electronic copies of training materials upon request and to maintain a record of all training delivered by the CEC.
 - Ensure source files are in compatible formats for EPA use, distribution, editing and manipulation such as both MS Word and also as Portable Document Format (PDF) and convert, materials as necessary to maintain standard compatibility.
 - Conduct inventory of videos and convert to an up-to-date format.
- Production of Remedial Process, and Removal Process Resource DVDs
- Conversion of designated CEC courses into distance-based learning;
 - Develop a distance based learning program for the CEC courses. Participate in the drafting of a plan on how to convert and modify the existing course material to a distance learning platform. This will include the following activities:
 - Research/review E RTP VU software platform or other EPA approved platforms, as necessary
 - Work with instructors for each CEC course and determine what portions of each course can be converted to online training modules and/or webinars.

CEC Training Course Deliveries 2014-2020, Tasks for each course include:

- Revise course materials and prepare for 2014-2020 deliveries.
- Provide instructors/training specialists for 2014-2020 deliveries
- Support deliveries
- Complete after action activities as they are identified.

CEC Courses Include:

CERCLA Education Center (CEC) Training Course Summaries and Agendas

Best Management Practices for Site Assessment, Remediation and Greener Cleanups

The Best Management Practices for Site Assessment, Site Remediation, and Green Remediation Footprint Reduction 1-day course is comprised of the following three Best Management Practices (BMP) sessions:

- *BMPs for Site Assessments:* These BMPs draw on science and technology advancements and practitioner experience to develop strategies for making site assessments more scientifically-defensible, resource-effective, adaptive to changing project needs, and responsive to stakeholder concerns. Applied to new or active projects, the BMPs can be used to significantly reduce data collection costs, expedite project schedules, enhance stakeholder communication, and improve project and site decision quality.
- *BMPs for Site Remediation:* The remediation phase of a project is subject to significant uncertainties and other influences that can effect successful execution. The EPA has

evaluated and compiled BMPs used to improve site remediation efforts through design and operation enhancements. This training presents an overview of available remedial technologies, considerations for selecting the appropriate remedy, specific remedial approaches, and BMPs to consider throughout the remediation process.

- *BMPs for Green Remediation Footprint Reduction*: Green Remediation is the practice of considering all environmental effects of remedy implementation and incorporating options to minimize the environmental footprint of cleanup actions. This training discusses the EPA's view of green remediation and the performance of environmental footprint assessments and provides a brief overview of the EPA's "Methodology for Understanding and Reducing a Project's Environmental Footprint" report (visit www.cluin.org/greenremediation/methodology for additional information).

This course is offered in support of the EPA's Office of Solid Waste and Emergency Response (OSWER) effort to improve the technical competency of Small and Disadvantaged Businesses (SDBs) as they compete for environmental cleanup jobs. While the target audience for this course is SDBs, the course content is also beneficial for the EPA, federal, tribal, state, and private industry technical project managers and stakeholders involved in the development and implementation of BMPs to clean up hazardous waste sites.

Best Management Practices for Site Assessment, Remediation and Greener Cleanups

Agenda

Time	Topic
8:30 a.m. – 8:45 a.m. (15 minutes)	Welcome and course logistics
8:45 a.m. – 10:15 a.m. (90 minutes)	Best Management Practices for Site Assessment
10:15 a.m. – 10:30 a.m. (15 minutes)	<i>BREAK</i>
10:30 a.m. – 11:30 a.m. (60 minutes)	Best Management Practices for Site Assessment (continued)
11:30 p.m. – 12:30 p.m. (60 minutes)	<i>LUNCH</i>
12:30 p.m. – 2:30 p.m. (120 minutes)	Best Management Practices for Site Remediation
2:30 p.m. – 2:45 p.m. (15 minutes)	<i>BREAK</i>
2:45 p.m. – 3:15 p.m. (30 minutes)	Best Management Practices for Site Remediation (continued)
3:15 p.m. – 4:30 p.m. (75 minutes)	Best Management Practices for Green Remediation Footprint Reduction
4:30 p.m. – 4:55 p.m. (25 minutes)	Small Business Mentoring
4:55 p.m. – 5:00 p.m. (5 minutes)	Wrap-up / Course Evaluations

Best Practices for Site Characterization throughout the Remediation Process

Best Practices for Site Characterization Throughout the Remediation Process is based on best management practices (BMP) implemented by the U.S. Environmental Protection Agency (EPA), partnership organizations, federal and state partners, and consultants. Participants will learn how to streamline projects in a legal, technically sound, and cost-effective manner. By taking the course, participants achieve the following objectives:

- Integrate best practices into traditional project activities. This course illustrates how to use more effective sampling plan design, data collection, analysis, and management strategies at various entry points in a typical project time-line. The course highlights emerging quality assurance and quality control methods for evaluating data sufficiency and optimizing project sequencing. Case studies highlight benefits of using best practices at hazardous waste sites.
- Effectively collect and communicate critical project information. The course stresses the use of the systematic planning process to involve key stakeholders and develop the conceptual site model (CSM). The course provides examples of CSMs and describes how they are used as the basis for project and sampling plan design, and as a tool for maintaining stakeholder consensus throughout the project life cycle. Participants will be shown how comprehensive systematic planning extends beyond normal data quality models. The course examines tools for managing the uncertainties associated with sampling, social, economic, and political factors that significantly impact hazardous waste cleanup and reuse projects.
- Design dynamic work strategies. Systematic planning provides the foundation for designing effective dynamic work strategies (DWS). The course describes the components of a DWS, including (1) methods for verifying performance, (2) using collaborative data sets, (3) methods for real-time decision making, (4) managing sample and small-scale variability, (5) designing project and field decision logic, (6) implementing contingencies, and (7) creating streamlined work plans.
- Recognize and overcome the challenges presented while implementing a dynamic work strategy. Controlling a project during a DWS is challenging and involves communication and planning. Participants will learn how to manage and adjust programs in the field while maintaining the project's integrity. The course describes methods for controlling and directing work during dynamic work efforts, which include using unitized costing, setting project ceilings, and lowering project costs. Participants will examine how more focused characterization efforts can extend project funds and maximize the data collected.
- Use BMPs to support all phases of the environmental cleanup life cycle. In addition to supporting site characterization, site characterization and remediation BMPs can directly

support risk assessment, technology selection, remedial design, remedy implementation, long-term operations, and optimization efforts. The course describes specific ways practitioners can apply the BMPs to support these major project phases.

Best Practices for Site Characterization throughout the Remediation Process Agenda

TIME	MODULE
Day 1	
8:30 a.m. – 8:45 a.m.	Module 1: Introduction
8:45 a.m. – 10:15 a.m.	Module 2: Overview of Best Practices Poudre River Case Study
10:15 a.m. – 10:30 a.m.	Break
10:30 a.m. – 11:30 a.m.	Module 3: Systematic Planning and Module 3a: Preparing for and Conducting the Systematic Planning Meeting RCRA Corrective Action Site Case Study
11:30 a.m. – 12:30 p.m.	Lunch
12:30 p.m. – 2:00 p.m.	Module 3b: CSM Black Butte Mine Case Study
2:00 p.m. – 2:15 p.m.	Break
2:15 p.m. – 4:00 p.m.	Module 3c: Real-Time Measurement Technologies
Day 2	
8:30 a.m. – 10:00 a.m.	Module 3d: Data Management, Assessment, and Visualization Wyckoff Case Study Newmark Groundwater Site Case Study
10:00 a.m. – 10:15 a.m.	Break
10:15 a.m. – 11:45 a.m.	Module 3d, Continued
11:45 a.m. – 12:45 p.m.	Lunch
12:45 p.m. – 1:30 p.m.	Module 4: DWS Work Plans and Module 4a: DWS Work Plans and Collaborative Data
1:30 p.m. – 2:15 p.m.	Module 4b: Evaluating Real-Time Technologies, Conducting the DMA, and SOPs
2:15 p.m. – 2:30 p.m.	Break
2:30 p.m. – 4:00 p.m.	Module 4c: Statistical Sampling Design
Day 3	
8:30 a.m. – 9:30 a.m.	Module 4d: Decision Logic, Sequencing, and Data Management
9:30 a.m. – 10:30 a.m.	Module 5: Implementing a Dynamic Field Investigation Jacob's Smelter Case Study
10:30 a.m. – 10:45 a.m.	Break
10:45 a.m. – 11:45 a.m.	Module 6: Risk Assessment and Data from Real-Time Measurement Technologies Region 10 ICS Case Study
11:45 p.m. – 12:45 p.m.	Lunch
12:45 p.m. – 1:45 p.m.	Module 7: Using Best Practices for Characterization During Remedy Design and Implementation
1:45 p.m. – 2:00 p.m.	Break
2:00 p.m. – 2:45 p.m.	Module 7, Continued – Palermo Case Study and Time Oil/Well 12A Case Study
2:45 p.m. – 3:00 p.m.	Module 8: Wrap Up

Groundwater High-Resolution Site Characterization

The *Groundwater High-Resolution Site Characterization (HRSC)* Course is a two-day training course that focuses on groundwater characterization and discusses (1) the impacts of subsurface heterogeneity on the investigation and cleanup of groundwater and related media, (2) the need for scale-appropriate measurements and adequate data density, and (3) the tools and strategies that are available to overcome the impacts of subsurface heterogeneity. The course addresses the following technical content:

- Defining and explaining the need for and benefits of HRSC
- Understanding the sources and attributes of subsurface heterogeneity and their impact on hydrogeology, contaminant fate and transport, and source and plume relationships
- Defining and using scale-appropriate measurements, adequate data density, and collaborative data sets
- Explaining the application of HRSC to the characterization of integrated media, including: groundwater, soil, soil vapor, surface water, sediments and bedrock
- Evaluating potentially applicable tools for subsurface investigations of shallow unconsolidated environments, deep unconsolidated environments, fractured and porous media, and the groundwater and surface water interface
- Developing effective HRSC implementation and investigation strategies
- Managing and visualizing HRSC data for decision making
- Applying HRSC to remedy design, implementation and optimization

After taking this course, participants will be armed with information that will allow them to improve their subsurface investigation approaches and develop more realistic and comprehensive conceptual site models (CSM). CSMs developed based on HRSC strategies and tools will decrease site uncertainty, improve the remedy selection process for groundwater remedies, and better enable the evaluation, design, and implementation of targeted in situ and ex situ groundwater remedies.

The recommended audience for this course includes EPA, federal, state, tribal, and private industry technical project managers, practitioners and other stakeholders involved in groundwater investigation and remediation.

Groundwater High-Resolution Site Characterization Agenda

Time	Topic
DAY 1	
9:00 a.m. – 10:15 a.m.	Module 1: Introduction and Background
10:15 a.m. – 10:30 a.m.	<i>BREAK</i>
10:30 a.m. – 12:00 a.m.	Module 1: Introduction and Background, Continued
12:00 a.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:45 p.m.	Module 2: Impacts of Subsurface Heterogeneity

Time	Topic
2:45 p.m. – 3:00 p.m.	<i>BREAK</i>
3:00 p.m. – 3:45 p.m.	Module 3: Scale Appropriate Measurement
3:45 p.m. – 5:00 p.m.	Module 4: Potentially Applicable Tools
DAY 2	
9:00 a.m. – 10:30 a.m.	Module 4: Potentially Applicable Tools, Continued
10:30 a.m. – 10:45 a.m.	<i>BREAK</i>
10:45 a.m. – 12:00 p.m.	Module 4: Potentially Applicable Tools, Continued
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:00 p.m.	Module 5: Data Use, Management, Visualization, and HRSC Planning Checklist
2:00 p.m. – 2:15 p.m.	<i>BREAK</i>
2:15 p.m. – 2:45 p.m.	Module 5: Data Use, Management, Visualization, and HRSC Planning Checklist, Continued
2:45 p.m. – 3:45 p.m.	Module 6: Case Studies
3:45 p.m. – 4:00 p.m.	Module 7: Wrap-Up

Hazard Ranking System

Hazard Ranking System (HRS) provides a detailed review of the HRS model and how the model is applied to various site conditions. The course is intended to enable staff to prepare HRS packages for the National Priorities List (NPL) and to plan and implement preliminary assessments (PA) and site inspections (SI) to address future HRS scoring issues. By taking the course, participants will achieve the following objectives:

- *Explain the site assessment process under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the role of HRS.* The course provides an overview of key provisions of CERCLA and the general response process established under the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The course discusses procedures and requirements for conducting site assessments and using the HRS to score sites for placement on the NPL.
- *Define and explain the HRS in detail.* The course explains the overall structure and elements of the HRS and how a site score is calculated. The course also provides a detailed explanation of each scoring factor (likelihood of release, waste characterization, and targets) for each pathway (ground water, surface water, soil exposure, and air) evaluated by the HRS. In addition, the course addresses HRS rules for scoring sites with releases of radionuclides.
- *Illustrate a general approach to scoring sites using the HRS and preparing an HRS package.* The course provides an introduction to the process by which HRS packages are prepared, identifies the elements of a complete package, and discusses accurate site

scoring. The course examines documentation and analytical data quality needed to support HRS packages.

- *Identify and use guidance and software to successfully prepare an HRS package.* The course will identify regulations and guidance issued by the EPA applicable to HRS scoring packages and has participants prepare a HRS score for a site.

The *HRS* course is a 4-day workshop held at various locations in the continental United States. The course is designed for personnel who are required to compile, draft, and review preliminary PA, SI, and HRS documentation records and packages submitted for sites proposed for the NPL. This course is open to EPA, federal, state, and tribal personnel who support site investigation programs.

Hazard Ranking System Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:00 a.m.	Introduction
9:00 a.m. – 9:30 a.m.	CERCLA and HRS: Legal Background
9:30 a.m. – 10:30 a.m.	Overview of the HRS
10:30 a.m. – 10:45 a.m.	<i>BREAK</i>
10:45 a.m. – 12:00 p.m.	HRS Exercise 1 – CSM for LPQ Auto Parts
12:00 p.m. – 1:15 p.m.	<i>LUNCH</i>
1:15 p.m. – 2:30 p.m.	HRS Documentation Package and Analytical Data Quality
2:30 p.m. – 2:45 p.m.	<i>BREAK</i>
2:45 p.m. – 3:30 p.m.	Sources and Waste Characterization
3:30 p.m. – 4:15 p.m.	HRS Exercise 2 – Characterization of Sources
DAY 2	
8:30 a.m. – 9:15 a.m.	Likelihood of Release
9:15 a.m. – 10:15 a.m.	HRS Exercise 3 – Observed Release
10:15 a.m. – 10:45 a.m.	Targets – Level of Contamination
10:45 a.m. – 11:00 a.m.	<i>BREAK</i>
11:00 a.m. – 11:30 a.m.	HRS Exercise 4 – Actual Contamination of Targets
11:30 a.m. – 12:45 p.m.	<i>LUNCH</i>
12:45 p.m. – 12:50 p.m.	Ground Water Pathway - Overview
12:50 p.m. – 1:45 p.m.	Ground Water Pathway – Defining Aquifers
1:45 p.m. – 2:00 p.m.	<i>BREAK</i>
2:00 p.m. – 2:45 p.m.	Ground Water Pathway – Likelihood of Release and Waste Characteristics
2:45 p.m. – 3:15 p.m.	HRS Exercise 5 – Ground Water Pathway Potential to Release to the Chagrin

Time	Topic
	Aquifer
3:15 p.m. – 4:00 p.m.	Ground Water Pathway – Targets

DAY 3	
8:30 a.m. – 9:30 a.m.	HRS Exercise 6 – Ground Water Pathway – Glacial Aquifer
9:30 a.m. – 9:45 a.m.	Ground Water Pathway – Summary
9:45 a.m. – 10:00 a.m.	<i>BREAK</i>
10:00 a.m. – 11:00 p.m.	Surface Water Pathway – Likelihood of Release
11:00 p.m. – 11:30 a.m.	HRS Exercise 7 – Surface Water Pathway Potential to Release
11:30 a.m. – 12:00 p.m.	Surface Water Pathway – Drinking Water Threat
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 1:30 p.m.	Surface Water Pathway – Human Food Chain Threat
1:30 p.m. – 2:00 p.m.	HRS Exercise 8 – Surface Water Human Food Chain
2:00 p.m. – 2:30 p.m.	Surface Water Pathway – Environmental Threat
2:30 p.m. – 3:00 p.m.	HRS Exercise 9 – Surface Water Environmental Threat
3:00 p.m. – 4:00 p.m.	Ground Water to Surface Water Component
DAY 4	
8:30 a.m. – 9:00 a.m.	Air Pathway
9:00 a.m. – 9:30 a.m.	HRS Exercise 10 – Air Pathway Likelihood of Release and Waste Characteristics
9:30 a.m. – 10:00 a.m.	HRS Exercise 11 – Air Pathway Targets
10:00 a.m. – 10:15 a.m.	<i>BREAK</i>
10:15 a.m. – 11:00 a.m.	Soil Exposure Pathway
11:00 a.m. – 12:00 p.m.	HRS Exercise 12 – Soil Exposure Pathway Resident Population Threat
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:00 p.m.	HRS Exercise 13 – Soil Exposure Pathway Nearby Population Threat
2:00 p.m. – 2:15 p.m.	<i>BREAK</i>
2:15 p.m. – 2:45 p.m.	HRS Exercise 14 – Site Score
2:45 p.m. – 3:00 p.m.	Wrap Up

IGCEs for RPMs: From Scoping to Funding

IGCEs for RPMs: From Scoping to Funding: This full-day course focuses on the procedures and resources RPMs can use for preparing independent government cost estimates (IGCE) for remedial program activities. Participants discover the recommended procedures for accomplishing this challenging task. This course provides an overview of current policies and resources for RPMs to use in preparing IGCEs. After the review, participants are challenged by a hands-on exercise to prepare their own IGCEs. At the end of the exercise, participant results are reviewed and the source of the different outcomes is discussed. This course also includes a discussion of the types of IGCEs used in the Superfund program and negotiations and documentation of costs.

This course is recommended for both new and experienced RPMs and others who are responsible for developing IGCEs for remedial program activities. Participants receive 7 hours of Contracting Officer Representative (COR) training toward the requirements of the Clinger-Cohen Act.

IGCEs for RPMs: From Scoping to Funding Agenda

Time	Topic
8:30 a.m. – 8:45 a.m.	Welcome, Introduction and Ice Breaker
8:45 a.m. – 9:45 a.m.	Module 1: Contracts Background for RPMs
9:45 a.m. – 10:15 a.m.	Module 2: IGCEs Background
10:15 a.m. – 10:30 am.	<i>Break</i>
10:30 a.m. – 11:30 a.m.	Module 3: IGCE Exercise – Set Up and Group Work
11:30 a.m. – 12:30 p.m.	<i>Lunch</i>
12:30 p.m. – 1:45 p.m.	Module 3: IGCE Exercise (continued) Finish Group Work and Debrief
1:45 p.m. – 2:00 p.m.	<i>Break</i>
2:00 p.m. – 2:15 p.m.	Module 4: Negotiations: Introduction and Exercise Set-up
2:15 p.m. – 2:45: p.m.	Module 4: Negotiations Exercise
2:45 p.m. – 3:15: p.m.	Module 4: Negotiations Exercise Debrief
3:15 p.m. – 3:45 p.m.	Module 5: After TO Award
3:45 pm – 4:00 p.m.	Q&A and Wrap Up

Legal Issues for RPMs

Legal Issues for RPMs is a full-day training course designed to instruct RPMs on entry to private property to implement Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) response actions and on efficiently managing site records. Issues to be covered include (1) sources and limitations on entry authority under the U.S. Constitution (due process, takings and free speech), CERCLA and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP); (2) preparing to seek consent to enter from property owners; (3) tools used to document consent; (4) defining what constitutes a record; and (5) tips for managing email. An RPM's failure to address the legal issues surrounding entry to private property and to maintain site records may lead to significant adverse consequences for the government and, in certain instances, the RPM. These consequences may include loss of opportunities for cost recovery, claims against the government, and personal lawsuits against the RPM. The information presented in this course instructs RPMs on the proper procedures for obtaining access under a wide range of circumstances and the importance of keeping site records organized and up-to-date. By taking the course, participants:

- Learn the role of the U.S. Constitution, CERCLA, the NCP, delegation, guidance and site-specific documents in obtaining access to private property to conduct work under CERCLA.

- Understand the process for obtaining and documenting access to private property under a variety of conditions including, but not limited to, when an owner is uncooperative.
- Understand the role of the EPA counsel in assisting the RPM in efforts to lawfully obtain access to private property.
- Learn the importance of managing site records, including email, to support successful cost recovery actions.

Legal Issues for RPMs Agenda

Time	Topic
9:00 a.m. – 9:10 a.m.	Welcome
9:10 a.m. – 10:15 a.m.	Module 1: Access for RPMs and Attorneys
10:15 a.m. – 10:30 a.m.	<i>Break</i>
10:30 a.m. – 11:45 a.m.	Module 2: Personal Liability
11:45 a.m. – 1:00 p.m.	<i>Lunch</i>
1:00 p.m. – 2:15 p.m.	Module 3: ARARs for RPMs and Attorneys
2:15 p.m. – 2:30 p.m.	<i>Break</i>
2:30 p.m. – 3:30 p.m.	Module 4: Records Management
3:30 p.m. – 4:30 p.m.	Module 5: What's Coming Up Next and Wrap Up

OSC 201

OSC 201 is an intermediate-level training course that expands on the *Removal Process* course to prepare OSCs for the rigors of everyday removal action site activities.

By taking the course, participants will achieve the following objectives:

- *Understand how to apply a Removal Site Strategy Model to a project.* The course reviews this effective conceptual tool in managing the factors that influence the cleanup at a removal site.
- *Learn project management skills, including organization of a project, forecasting resources and personnel, planning meetings, documenting site activities, and tracking schedules and costs.* The course prepares OSCs for the daily challenges they will encounter during a removal action and an emergency response.
- *Learn to navigate through the daily tasks of the removal process and adapt to changing site circumstances.* The course includes a response case study to provide participants an opportunity to apply the skills learned during the course.

- *Understand the keys to conducting a removal action that is consistent with the National Oil and Hazardous Substance Pollution Contingency Plan (NCP).* The course takes a hands-on practitioner's approach to removal and emergency response management, based on the perspective of field operations, and focuses on attaining the response action goals.

The *OSC 201* course is a 2 ½-day workshop designed for OSCs with at least six months experience, particularly in the field at removal actions and who may have assisted other OSCs with removal actions or are now preparing to take the lead in conducting a large-scale removal action. Other environmental professionals, such as Remedial Project Managers (RPM) with removal experience, site assessment managers (SAM), federal, state, tribal and local emergency response personnel also may benefit from the course. The *Removal Process* course is a prerequisite for EPA employees who would like to attend *OSC 201*.

OSC 201 Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:00 a.m.	Module 1: Introduction
9:00 a.m. – 10:15 a.m.	Module 2: Site Strategy Model
10:15 a.m. – 10:45 a.m.	<i>BREAK</i>
10:45 a.m. – 12:00 p.m.	Module 2: Case Study Exercise – Part 1, Case Study Introduction
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:00 p.m.	Module 3: Planning the Removal Action
2:00 p.m. – 2:45 p.m.	Module 3: Case Study Exercise – Part 2, Threats and Proposed Actions
2:45 p.m. – 3:00 p.m.	<i>BREAK</i>
3:00 p.m. – 4:30 p.m.	Module 4: Project Organization (through slide 4-20)
DAY 2	
8:30 a.m. – 9:00 a.m.	Day 1 Review
9:00 a.m. – 10:00 a.m.	Module 4: Project Organization
10:00 a.m. – 10:15 a.m.	<i>BREAK</i>
10:15 a.m. – 11:15 a.m.	Module 5: Site Meetings and Communications
11:15 a.m. – 12:00 p.m.	Module 5: Case Study Exercise – Part 3, Daily Work Order Exercise
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>

Time	Topic
1:00 p.m. – 2:00 p.m.	Module 6: Other Considerations
2:00 p.m. – 2:15 p.m.	<i>BREAK</i>
2:15 p.m. – 4:30 p.m.	Module 6: Case Study Exercise – Part 4, Raging Factors

DAY 3	
8:30 a.m. – 9:00 a.m.	Day 2 Review
9:00 a.m. – 10:15 a.m.	Module 7: Controlling Costs and Managing Waste
10:15 a.m. – 10:30 a.m.	<i>BREAK</i>
10:30 a.m. – 10:45 a.m.	Module 7: Case Study Exercise – Part 5a, Waste Profile
10:45 a.m. – 11:00 a.m.	Module 7: Case Study Exercise – Part 5b, Hazardous Waste Manifest/LDR Form
11:00 a.m. – 12:00 p.m.	Module 8: Documenting the Removal Action
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 1:30 p.m.	Module 8: Case Study Exercise – Part 6a, SITREP
1:30 p.m. – 1:45 p.m.	Module 8: Case Study Exercise – Part 6b, 1900-55
1:45 p.m. – 2:00 p.m.	<i>BREAK</i>
2:00 p.m. – 2:15 p.m.	Module 9: Wrap Up
2:15 p.m. – 3:00 p.m.	Jeopardy and Course Evaluations

Preliminary Assessment/ Site Inspection Training

Preliminary Assessment/Site Inspection (PA/SI) provides an introduction to the Superfund site assessment process and describes the preliminary assessment and site inspection phases of this process.

By taking the course, participants will achieve the following objectives:

- *Explain when, where, why, and how site assessments are performed under the authorities of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).* The course provides an overview of key provisions of CERCLA and the response process established by the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The purpose, scope, and requirements for performing a remedial preliminary assessment (PA) and remedial site inspection (SI) at sites regulated by CERCLA are explained as well as recognizing if threats exist that could warrant a removal action.
- *Prepare for, conduct, and report the results of a remedial PA.* The course identifies and explains procedures for performing a remedial PA, including determining whether a PA is appropriate, planning for and conducting the remedial PA, preparing a preliminary Hazard Ranking System (HRS) score for the site, using checklists, and documenting results so that a decision can be made about the site.
- *Determine the need for, conduct, and report the results of a remedial SI.* The course identifies the step-by-step activities for conducting a remedial SI, including discussion of health and safety considerations for field activities, establishing data quality objectives and developing sampling strategies to obtain data for HRS scoring, validating data, and preparing a final report to document the decision making process.
- *Identify and use guidance, software, and other tools to successfully meet the requirements for conducting a remedial PA and SI.* The course will identify guidance and policies issued by the EPA applicable to conducting a remedial PA and SI, explain the basic structure and scoring factors of the HRS, and introduce site investigators on how to use EPA's Quickscore.

The *PA/SI* course is a 3-day workshop held at various locations in the continental United States. The course is designed for personnel who are required to compile, draft and review preliminary PA, SI and HRS documentation records and packages submitted for sites proposed for the National Priorities List (NPL). This course is open to EPA, federal, state, and tribal personnel who support site investigation programs.

Preliminary Assessment/ Site Inspection Training Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:30 a.m.	Module 1 – Introduction
9:30 a.m. – 10:15 a.m.	Module 2 – CERCLA Statutory and Regulatory Background
10:15 a.m. – 10:30 a.m.	<i>BREAK</i>
10:30 a.m. – 12:00 p.m.	Module 3 – Overview of Site Assessment Process under CERCLA
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:30 p.m.	Module 4 – Basics of Performing Site Assessments
2:30 p.m. – 2:45 p.m.	<i>BREAK</i>
2:45 p.m. – 4:00 p.m.	Module 5 – Conducting the Preliminary Assessment (PA)
4:00 p.m. – 5:00 p.m.	Module 6 – Site Evaluation and Scoring for a PA
DAY 2	
8:30 a.m. – 8:40 a.m.	Review of Day 1
8:40 a.m. – 9:00 a.m.	Module 7 – PA Scoring Exercise
9:00 a.m. – 10:00 a.m.	Module 7A – PA Scoring: Site Sources
10:00 a.m. – 10:15 a.m.	<i>BREAK</i>
10:15 a.m. – 12:15 p.m.	Module 7B – PA Scoring: Ground Water
12:15 p.m. – 1:15 p.m.	<i>LUNCH</i>
1:15 p.m. – 3:15 p.m.	Module 7C – PA Scoring: Surface Water
3:15 p.m. – 3:30 p.m.	<i>BREAK</i>
3:30 p.m. – 4:30 p.m.	Module 7D – PA Scoring: Soil Exposure
4:30 p.m. – 5:00 p.m.	Module 7E – PA Scoring: Air
Time	Topic
DAY 3	
8:30 a.m. – 8:40 a.m.	Module 7F – PA Scoring: Summary
8:40 a.m. – 9:30 a.m.	Module 8 – Conducting the Site Inspection (SI)

Time	Topic
9:30 a.m. – 9:40 a.m.	Module 9A – SI Strategies: Overview
9:40 a.m. – 10:30 a.m.	Module 9B – SI Strategies: Site Sources and General Considerations
10:30 a.m. – 12:00 p.m.	Module 9C – SI Strategies: Ground Water
12:00 p.m. – 12:45 p.m.	LUNCH
12:45 p.m. – 1:45 p.m.	Module 9D – SI Strategies: Surface Water
1:45 p.m. – 2:30 p.m.	Module 9E – SI Strategies: Soil
2:30 p.m. – 3:00 p.m.	Module 9F – SI Strategies: Air
3:00 p.m. – 3:15 p.m.	Module 9G – SI Strategies: Summary
3:15 p.m. – 3:30 p.m.	Module 10 – Conclusion

Remedial Design/Remedial Action

Remedial Design/Remedial Action (RD/RA) focuses on aspects of the RD/RA phase of a Superfund project and the objectives, issues, and challenges that Remedial Project Managers (RPM) face during response planning and implementation. The RD/RA course is a 2-day workshop held at various locations in the continental United States and is free for participants. This course is intended primarily for RPMs who have two or more years of experience or who currently are or soon will be involved in an RD/RA project. State personnel also are welcome to participate.

By taking the course, participants will achieve the following objectives:

- *Identify steps for implementing and completing an RD/RA project under Superfund.* The various tracks of the course provide a comprehensive examination of the RD/RA process from which RPMs can select the specific training that best suits their needs.
- *Describe the overall effort needed to conduct an RD/RA project and identify and anticipate the difficulties that can arise during such an effort.* The course provides practical guidance that helps both engineers and RPMs who have other backgrounds effectively implement the design and construction phases of a Superfund cleanup.
- *Describe the role of the RPM as project manager.* The course examines the crucial role of the RPM in planning an RD/RA project; effectively managing contracting, scheduling, budgeting, and other aspects of the effort; coordinating activities with states and tribes; conducting effective community relations efforts; and more.
- *Apply the skills they have developed to real-life situations.* The workshop portion of the course provides RPMs the opportunity to work through realistic case studies that highlight actual issues and problems that can arise.

Remedial Design/Remedial Action Agenda

Time	Topic
DAY 1	
8:30 a.m. – 8:40 a.m.	Module 1 – Overview of RD/RA Training Program
8:40 a.m. – 9:35 a.m.	Module 2 – Role of the RPM
9:35 a.m. – 9:45 a.m.	<i>BREAK</i>
9:45 a.m. – 10:00 a.m.	Module 3A – Overview of RD/RA Planning and “Introduction” of DVD
10:00 a.m. – 10:50 a.m.	Module 3B – Making the Transition from ROD to RD/RA
10:50 a.m. – 11:00 a.m.	<i>BREAK</i>
11:00 a.m. – 12:00 p.m.	Module 3B – Making the Transition from ROD to RD/RA (continued)
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 1:45 p.m.	Module 3C – Contracting Strategy and “Project Overview” of DVD
1:45 p.m. – 2:20 p.m.	Module 3D – Communicating and Coordinating
2:20 p.m. – 2:30 p.m.	Module 3E – RD/RA Planning Summary
2:30 p.m. – 2:40 p.m.	<i>BREAK</i>
2:40 p.m. – 3:00 p.m.	Module 4A – Overview of RD and “Design & Contract Procurement” of DVD
3:00 p.m. – 3:15 p.m.	Module 4B – Initiating the Design
3:15 p.m. – 4:00 p.m.	Module 4C – Overseeing Design Development
Time	Topic
DAY 2	
8:30 a.m. – 9:30 a.m.	Module 4C – Overseeing Design Development, (continued) and Kingston TVA Case Study
9:30 a.m. – 9:40 a.m.	<i>BREAK</i>
9:40 a.m. – 9:55 a.m.	Module 4D – Transition from RD to RA
9:55 a.m. – 10:00 a.m.	Module 4E – RD Summary
10:00 a.m. – 10:05 a.m.	Module 5A – Overview of RA
10:05 a.m. – 11:00 a.m.	Module 5B – RA Process and “Construction Management” of DVD
11:00 a.m. – 11:10 a.m.	<i>BREAK</i>
11:10 a.m. – 12:00 p.m.	Module 5C – RA Implementation
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 1:20 p.m.	Module 5C – Valley Park TCE Case Study
1:20 p.m. – 1:30 p.m.	Module 5D – RA Summary and “Lessons Learned” of DVD
1:30 p.m. – 1:45 p.m.	<i>BREAK</i>
1:45 p.m. – 2:15 p.m.	Module 6 – Post-Construction Activities

Time	Topic
2:15 p.m. – 2:45 p.m.	Q&A and Discussion
2:45 p.m. – 3:00 p.m.	Module 7 – Conclusion

Remedial Process

Remedial Process is a beginner-level training course that provides a comprehensive examination of the technical and regulatory issues that Remedial Project Managers (RPM) must address as they oversee remedial response efforts at Superfund sites.

By taking the course, participants will achieve the following objectives:

- Learn the process to implement remedial response activities at Superfund sites and methods to conduct such activities effectively. The course discusses strategies for site characterization, oversight of potentially responsible party (PRP)-lead activities, applicable or relevant and appropriate requirements (ARAR), independent government cost estimates, Superfund decision documents, remedial design and remedial action (RD/RA), and community participation.
- Understand and identify the various regulatory and administrative aspects of the Superfund program. The course examines a number of contracting issues, identifies resources that support contracting efforts, and reviews requirements for operation and maintenance activities, site close-out, five-year reviews, and remedy optimization.
- Develop an awareness of the role of community participation in the remedial process. The course discusses the principles of community participation, the role of community participation plans, and various methods of dealing with problems related to community participation, including conflict management and effective negotiation.
- Apply the knowledge RPMs gain during the course. Participants take part in several activities that give them the opportunity to apply their newly acquired skills and knowledge to realistic situations that reflect the real-life experiences of RPMs working in the Superfund program.

The *Remedial Process* course is a 4 ½-day course held at various locations in the continental United States. The course is designed for RPMs and other environmental professionals who have one to three years of experience in the Superfund program and who are responsible for or need to know about remedial response activities under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The Fundamentals of Superfund course is a prerequisite for EPA employees who would like to attend the Remedial Process course.

Remedial Process Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:00 a.m.	Welcome and Introduction
9:00 a.m. – 10:00 a.m.	Ice Breaker Exercise
10:00 a.m. – 10:15 a.m.	<i>BREAK</i>
10:15 a.m. – 12:00 p.m.	Module 2: Essential Program Elements – Introduction Module 2a: Risk Management
12:00 a.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:15 p.m.	Module 2b: Guiding Principles and Expectations
2:15 p.m. – 2:30 p.m.	<i>BREAK</i>
2:30 p.m. – 3:45 p.m.	Module 2b: Guiding Principles and Expectations (continued)
3:45 p.m. – 5:00 p.m.	Module 2b: Guiding Principles and Expectation (continued)
Time	Topic
DAY 2	
8:30 a.m. – 8:40 a.m.	Review
8:40 a.m. – 10:15 a.m.	Module 2c: CERCLA Compliance with ARARs
10:15 a.m. – 10:30 a.m.	<i>BREAK</i>
10:30 a.m. – 11:30 a.m.	Module 2c: CERCLA Compliance with ARARs (continued)
11:30 a.m. – 12:00 p.m.	Module 2c: CERCLA Compliance with ARARs (continued)
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:00 p.m.	Module 2d: Planning for Community Involvement
2:00 p.m. – 3:15 p.m.	Module 3: Developing and Selecting Remedial Alternatives – Introduction Module 3a: Remedial Investigation
3:15 p.m. – 3:30 p.m.	<i>BREAK</i>
3:30 p.m. – 5:00 p.m.	Module 3a: Remedial Investigation (continued)

Time	Topic
DAY 3	
8:30 a.m. – 8:40 a.m.	Review
8:40 a.m. – 9:45 a.m.	Module 3a: Remedial Investigation (continued)
9:45 a.m. – 10:00 a.m.	<i>BREAK</i>
10:00 a.m. – 11:00 a.m.	Module 3a: Remedial Investigation (continued)
11:00 a.m. – 12:00 p.m.	Module 3b: Feasibility Study
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:30 p.m.	Module 3b: Feasibility Study (continued)
2:30 p.m. – 2:45 p.m.	<i>BREAK</i>
2:45 p.m. – 3:00 p.m.	Module 3c: Superfund Decision Documents

3:00 p.m. – 3:45 p.m.	Module 3c: Superfund Decision Documents (continued)
3:45 p.m. – 4:00 p.m.	<i>BREAK</i>
3:45 p.m. – 5:00 p.m.	Module 3c: Superfund Decision Documents (continued)
Time	Topic
DAY 4	
8:30 a.m. – 8:40 a.m.	Review
8:40 a.m. – 10:00 a.m.	Module 4: Oversight and Enforcement
10:00 a.m. – 10:15 a.m.	<i>BREAK</i>
10:15 a.m. – 10:45 a.m.	Module 4: Oversight and Enforcement (continued)
10:45 a.m. – 12:00 p.m.	Module 5: Community Involvement and Superfund Redevelopment
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:00 p.m.	Module 6: Contracts and Resources
2:00 p.m. – 2:15 p.m.	<i>BREAK</i>
2:15 p.m. – 3:15 p.m.	Module 7: Implementing and Completing Remedies – Introduction Module 7a: RD/RA
3:15 p.m. – 3:30 p.m.	<i>BREAK</i>
3:30 p.m. – 4:30 p.m.	Module 7b: O&M
DAY 5	
8:30 a.m. – 8:40 a.m.	Review
8:40 a.m. – 9:20 a.m.	Module 7b: O&M (continued)
9:20 a.m. – 9:30 a.m.	<i>BREAK</i>
9:30 a.m. – 10:30 a.m.	Module 7c: Five-Year Reviews
10:30 a.m. – 11:00 a.m.	Module 7d: Site Closeout
11:00 a.m. – 12:00 p.m.	Wrap-Up and Jeopardy Game

Removal Process

The *Removal Process* course provides On-Scene Coordinators (OSC) and others who support the removal program (HQ regional coordinators, enforcement personnel, and Special Team members) with fundamental information and practical knowledge needed to plan, conduct and/or support removal actions effectively in response to releases of hazardous substances, pollutants or contaminants as well as discharges of oil under the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The Removal Process course is structured to follow the framework of the NCP. By taking the course, participants will achieve the following objectives:

- Learn to carry out the step-by-step process of conducting a removal action. The course follows the chain of events from site discovery to completion of the removal action, demonstrating how the enforcement process is integrated into various phases of the removal process.
- Understand the authorities and limitations of an OSC during a removal action. The course provides a comprehensive review of statutory and regulatory requirements, including an overview of response authority, requirements for public participation, and regulations governing contracting services.
- Understand the Incident Command System/Unified Command (ICS/UC) and an OSC's role during an emergency response. This course strengthens an OSC's ability to use the

ICS/UC effectively and reiterates the roles and responsibilities of an OSC during emergency responses to releases of hazardous substances. The course examines the organization of the ICS/UC and provides a thorough discussion of the planning and support functions associated with the ICS/UC.

- Use their newly developed knowledge and skills to solve real-life problems. Participants are challenged to apply the information and knowledge acquired during the course to realistic exercises and case studies and will be presented with tools and resources available to the OSC.

The *Removal Process* course is a 4 ½-day workshop held at least twice a year in or near EPA regional offices. This beginner-level course is geared for OSCs or other responders and removal program personnel who are responsible for or need to know about removal response activities under CERCLA as well as OPA/CWA.

Removal Process Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:00 a.m.	Introduction
9:00 a.m. – 10:15 a.m.	Response Authorities and Limitations <i>Exercise</i>
10:15 a.m. – 10:30 a.m.	<i>BREAK</i>
10:30 a.m. – 12:00 p.m.	Knowing the National Contingency Plan
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 1:30 p.m.	Knowing the National Contingency Plan (continued)
1:30 p.m. – 4:00 p.m. (includes 1 15-minute break)	Planning and Preparedness <i>Swanson Creek Case Study</i>
4:00 p.m. – 5:00 p.m.	Oil Spill Response
DAY 2	
8:30 a.m. – 9:00 a.m.	Review of Monday's course material
9:00 a.m. – 10:00 a.m.	Discovery and Notification
10:00 a.m. – 10:15 a.m.	<i>BREAK</i>
10:15 a.m. – 11:00 a.m.	Discovery and Notification (continued) <i>Lodi, New Jersey NRC Exercise</i>
11:00 a.m. – 12:00 p.m.	Emergency Response Operations
12:00 p.m. – 1:15 p.m.	<i>LUNCH</i>
1:15 p.m. – 2:00 p.m.	Emergency Response Operations (continued)
2:00 p.m. – 3:00 p.m.	Removal Site Evaluation

Time	Topic
3:00 p.m. – 3:15 p.m.	<i>BREAK</i>
3:15 p.m. – 4:30 p.m.	Removal Site Evaluation (continued) <i>Flura Chemical Case Study</i>
Time	Topic
DAY 3	
8:30 a.m. – 9:00 a.m.	Review of Tuesday's course material
9:00 a.m. – 10:15 a.m.	Removal Site Evaluation (continued)
10:15 a.m. – 10:30 a.m.	<i>BREAK</i>
10:30 a.m. – 12:00 p.m.	Determining the Need for a Removal Action
12:00 p.m. – 1:15 p.m.	<i>LUNCH</i>
1:15 p.m. – 1:30 p.m.	Determining the Need for a Removal Action (continued)
1:30 p.m. – 3:00 p.m.	Writing the Action Memo
3:00 p.m. – 3:15 p.m.	<i>BREAK</i>
3:15 p.m. – 4:15 p.m.	Enforcement: PRP Participation
DAY 4	
8:30 a.m. – 9:00 a.m.	Review of Wednesday's course material
9:00 a.m. – 10:30 a.m.	Planning a Removal Action
10:30 a.m. – 10:45 a.m.	<i>BREAK</i>
10:45 a.m. – 12:00 p.m.	Planning a Removal Action (continued)
12:00 p.m. – 1:15 p.m.	<i>LUNCH</i>
1:15 p.m. – 2:30 p.m.	Conducting a Removal Action
2:30 p.m. – 2:45 p.m.	<i>BREAK</i>
2:45 p.m. – 4:00 p.m.	Conducting a Removal Action (continued)
DAY 5	
8:30 a.m. – 10:00 a.m.	Completing a Removal Action
10:00 a.m. – 10:30 a.m.	Access Issues
10:30 a.m. – 10:45 a.m.	<i>BREAK</i>
10:45 a.m. – 12:00 p.m.	Emerging Issues

Removal Process for Remedial Project Managers

The *Removal Process for Remedial Project Managers (RPMs)* course, a 2-day training course, focuses on the various aspects of the removal process and various methods of integrating removal actions at National Priorities List (NPL) sites to complete Superfund response activities as quickly as possible. By taking the course, participants will achieve the following objectives:

- *Understand the laws, regulations, policies, and processes involved in Superfund removal actions.* The course provides an overview of removal actions that helps RPMs understand the role they play in the Superfund cleanup program.

- *Identify removal authorities, recognize situations in which removal actions are appropriate, and initiate removal actions.* The course examines approaches to the evaluation and initiation of removal actions, emphasizing such challenges as meeting applicable or relevant and appropriate requirements (ARAR) during removal actions.
- *Summarize the steps to be taken to implement the removal action and complete the necessary closeout procedures.* The course provides a step-by-step review of the conduct of a removal action, from initial activities on site through closeout.
- *Apply the RPM's new knowledge to real-life situations.* Participants are challenged to use the information acquired during the course to complete realistic exercises and case studies. They also have the opportunity to consider examples of actual issues and problems that arise during Superfund removal actions and the resolutions of such issues.

This comprehensive training course is intended only for personnel of Federal, state, and local agencies and tribes. The course is designed primarily to equip RPMs with the information they need to plan and conduct removal actions. Other environmental professionals, such as site assessment managers (SAM), also may benefit from the course.

Removal Process for Remedial Project Managers Agenda

Time	Topic
DAY 1	
8:30 a.m. - 9:00 a.m.	Module 1: Introduction
9:00 a.m. - 9:45 a.m.	Module 2: Removal Response Authorities
9:45 a.m. - 10:00 a.m.	<i>BREAK</i>
10:00 a.m. - 11:00 a.m.	Module 3: Overview of Removal Actions
11:00 a.m. - 12:00 p.m.	Module 4: Determining the Need for Removal Action
12:00 p.m. - 1:15 p.m.	<i>LUNCH</i>
1:15 p.m. - 2:15 p.m.	Module 5: Other Considerations
2:15 p.m. - 2:30 p.m.	<i>BREAK</i>
2:30 p.m. - 3:15 p.m.	Module 6: Planning for the NTC Removal Action
3:15 p.m. - 3:30 p.m.	<i>BREAK</i>
3:30 p.m. - 4:15 p.m.	Case Study: A Look at a NTC Removal Actions
4:15 p.m. - 4:30 p.m.	<i>DEBRIEF</i>
DAY 2	
8:30 a.m. - 10:00 a.m.	Module 7: Engineering Evaluation/Cost Analysis
10:00 a.m. - 10:15 a.m.	<i>BREAK</i>
10:15 a.m. - 11:15 a.m.	Module 8: Documenting the Removal Action
11:15 a.m. - 12:00	Module 9: Conducting the NTC Removal Action

Time	Topic
p.m.	
12:00 p.m. - 1:15 p.m.	<i>LUNCH</i>
1:15 p.m. - 2:30 p.m.	Module 10: Completing the Removal Action
2:30 p.m. - 2:45 p.m.	<i>BREAK</i>
2:45 p.m. - 3:15 p.m.	Module 11: Wrap-Up
3:15 p.m. - 4:00 p.m.	Course Evaluations

RPM 201

RPM 201, a 2 ½-day, intermediate-level training course, expands on the Remedial Process Course offered by the EPA Office of Solid Waste and Emergency Response (OSWER) CERCLA Education Center (CEC). The course is offered as part of the ongoing effort to prepare RPMs for the challenges they will encounter during all aspects of a remedial action. The instructional methodology will include case studies to provide participants an opportunity to apply the skills learned during the course. The course will also include time for participants to ask specific questions about their own sites they currently are working on, as well as emerging technical/programmatic policy and guidance from HQ. By taking the course, participants will achieve the following objectives:

- Learn how to manage common issues or concepts at remedial action sites, such as vapor intrusion, sediment removal, contaminated groundwater plumes, and green remediation.
- Learn project management skills, including management of a project, forecasting resources and costs, planning meetings, documenting site activities, and tracking schedules and costs.
- Learn effective ways to communicate various types of issues at sites to residents and communities.
- Learn how to incorporate optimization into new and existing remedial actions.

RPM 201 is recommended for RPMs with at least six months experience and may have assisted other RPMs with remedial actions or now are preparing to take the lead in conducting a remedial action.

While *RPM 201* may be most beneficial to new RPMs with 5 years experience or less, the course is very interactive and more experienced RPMs that attend will be encouraged to share their field background with the class.

Superfund 101 and the *Remedial Process* course are prerequisites for attendees to participate in *RPM 201*.

RPM 201 Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:00 a.m.	Module 1: Introduction
9:00 a.m. – 12:00 p.m.	Module 1: Vapor Intrusion
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 5:00 p.m. (Includes 15-minute break)	Module 2: Contaminated Sediment Remediation for Hazardous Waste Sites
DAY 2	
8:30 a.m. – 12:00 p.m. (Includes 15-minute break)	Module 3: Remedy Selection for Groundwater Restoration
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>

Time	Topic
1:00 p.m. – 5:00 p.m. (Includes 15-minute break)	Module 3: Remedy Selection for Groundwater Restoration <i>(continued)</i>
DAY 3	
8:30 a.m. – 12:00 p.m. (Includes 15-minute break)	Module 4: Green Remediation
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 3:00 p.m. (Includes 15-minute break)	Module 5: Raging Factors and Wrap-Up

Fundamentals of Superfund

Fundamentals of Superfund, a 3-day introductory training course, provides an overview of the purpose, legal framework, and implementation of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) for newly hired OSCs and RPMs. By taking the course, participants will achieve the following objectives:

- *Understand the evolution of the Superfund program.* The course explores the origin, accomplishments, and future of the Superfund program.
- *Understand the statutory and regulatory basis for the authorities of OSCs and RPMs.* The course provides an overview of the roles of the OSC and RPM as they are defined in laws, regulations, policy, and guidance, including a comparison of authorities and liabilities.
- *Learn about the three types of response activities defined under CERCLA.* The course discusses the components of the removal, remedial, and enforcement programs and the major responsibilities of OSCs and RPMs in their work on Superfund responses, site cleanups, and enforcement activities.

Fundamentals of Superfund Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:00 a.m.	Welcome
9:00 a.m. – 10:30 a.m.	Overview of CERCLA
10:30 a.m. – 10:45 a.m.	<i>BREAK</i>
10:45 a.m. – 11:45	Statutory and Regulatory Framework

Time	Topic
a.m.	
11:45 a.m. – 12:30 p.m.	Discovery, Notification, and Initial Site Assessment
12:30 p.m. – 1:30 p.m.	<i>LUNCH</i>
1:30 p.m. – 2:15 p.m.	Discovery, Notification, and Initial Site Assessment (continued)
2:15 p.m. – 3:15 p.m.	Removal Process
3:15 p.m. – 3:30 p.m.	<i>BREAK</i>
3:30 p.m. – 4:15 p.m.	Removal Process (continued)
4:15 p.m. – 4:30 p.m.	Debrief
DAY 2	
8:30 a.m. – 9:30 a.m.	Federal Facilities
9:30 a.m. – 10:00 a.m.	Removal Process: A Closer Look
10:00 a.m. – 10:30 a.m.	<i>BREAK / REOC Tour</i>
10:30 a.m. – 12:00 p.m.	Community Involvement
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 1:30 p.m.	Remedial Process – Introduction
1:30 p.m. – 2:30 p.m.	Remedial Process – Remedial Investigation / Feasibility Study
2:30 p.m. – 2:45 p.m.	<i>BREAK</i>
2:45 p.m. – 4:30 p.m.	Remedial Process – Remedy Selection

DAY 3	
8:30 a.m. – 9:00 a.m.	Remedial Process: A Closer Look
9:00 a.m. – 10:30 a.m.	Remedial Process – Remedy Design / Remedial Action
10:30 a.m. – 10:45 a.m.	<i>BREAK</i>
10:45 a.m. – 12:00 p.m.	Remedial Process - Post Construction Activities and Records Management
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:15 p.m.	Liability and Enforcement
2:15 p.m. – 2:30 p.m.	<i>BREAK</i>
2:30 p.m. – 4:00 p.m.	Wrap-up Course Test Course Evaluations

Superfund Essentials

Superfund Essentials provides an awareness of the purpose, legal framework, and implementation of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Participants are introduced to the various components of the Superfund process. By taking the course, participants achieve the following objectives:

- *Understand the evolution of the Superfund program.* The course explores the origin, the accomplishments, and future of the Superfund program.
- *Understand the statutory and regulatory basis for the authorities of On-Scene Coordinators (OSC) and Remedial Project Managers (RPM).* The course provides an overview of the roles of the OSC and RPM as they are defined in laws, regulations, policy, and guidance, including a comparison of authorities and liabilities.
- *Learn about the three types of response activities defined under CERCLA.* The course provides an overview of the components of the removal, remedial, and enforcement programs.

Superfund Essentials Agenda

Time	Module
10:00 a.m. – 10:50 a.m.	Module 1: CERCLA Basics
10:50 a.m. – 11:00 a.m.	<i>BREAK</i>
11:00 a.m. – 12:00 p.m.	Module 2: Statutory and Regulatory Framework
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:15 p.m.	Module 3: Removal Process Module 4: Remedial Process Module 5: Liability and Enforcement
2:15 p.m. - 2:25 p.m.	<i>BREAK</i>
2:25 p.m. – 3:00 p.m.	Module 6: Community Involvement Module 7: Special Topics Module 8: Wrap Up

Triad Training for Managers

Triad Training for Managers introduces the Triad process, which can be applied to site characterization, remedial design, remedy implementation, remedy operation and maintenance and remedy optimization. The Triad process is designed to streamline the project lifecycle for environmental restorations in a legal, technically sound, and cost-effective manner.

By taking the course, participants will achieve the following objectives:

- Understand how the Triad process uses systematic planning, dynamic work strategies, and real-time measurement tools. The Triad process combines systematic planning, dynamic work strategies, and real-time measurement tools to collect information, which provides a more in-depth view of the environmental issues at a site and lead to more certain and defensible decision-making. The course will provide a thorough explanation of what is involved in systematic planning, dynamic work strategies, and real-time measurement tools.
- Examine concrete site examples where the Triad process has been applied and discover the quantifiable benefits of using the Triad approach. The Triad approach has saved time and money at sites in a variety of regulatory programs. The course will evaluate case studies to show how the Triad approach improved project efficiencies and the certainty of the decisions at several sites. These decisions are similar to the decisions that are typically recommended and made by the managers taking this course. In addition, the course will review those situations where implementation of the Triad approach would not be recommended.

Triad Training for Managers Agenda

TIME	TOPIC
9:00 a.m. – 9:15 a.m.	Module 1: Introduction
9:15 a.m. – 10:15 a.m.	Module 2: Overview of the Triad Process
10:15 a.m. – 10:30 a.m.	<i>Morning Break</i>
10:30 a.m. – 11:15 a.m.	Module 3: Triad Approach at Work
11:15 a.m. – 12:00 p.m.	Module 4: Creating a Consensus Vision

12:00 p.m. – 1:00 p.m.	<i>Lunch</i>
1:00 p.m. – 2:00 p.m.	Module 4: Creating a Consensus Vision continued
2:00 p.m. – 2:45 p.m.	Module 5: Lowering Lifecycle Costs
2:45 p.m. – 3:00 p.m.	<i>Afternoon Break</i>
3:00 p.m. – 3:30 p.m.	Module 6: Lightening Work Loads
3:30 p.m. – 4:20 p.m.	Module 7: Debunking “Triad Myths”
4:20 p.m. – 4:30 p.m.	Module 8: Wrap Up and Complete Evaluation Forms

Triad Training for Practitioners

Triad Training for Practitioners is based on best management practices (BMP) implemented by the EPA, partnership organizations, federal and state partners, and consultants. Participants will learn how the Triad Approach can be used to streamline projects in a legal, technically sound, and cost-effective manner. By taking the course, participants achieve the following objectives:

- Integrate Triad BMPs into traditional project activities. This course illustrates how to use Triad sampling plan design, data collection, analysis, and management strategies at various entry points in a typical project timeline. The course highlights emerging quality assurance and quality control methods for evaluating data sufficiency and optimizing project sequencing. Case studies highlight benefits of using Triad concepts at hazardous waste sites within a variety of programmatic and regulatory frameworks.
- Effectively collect and communicate critical project information. The Triad Approach uses a systematic planning process to involve key stakeholders and develop the conceptual site model (CSM). The course provides examples of CSMs and describes how they are used as the basis for project and sampling plan design, and as a tool for maintaining stakeholder consensus throughout the project life cycle. The course stresses the importance of educating both technical and non-technical team members on the monetary and risk related benefits of using Triad to manage project-related uncertainties. Participants will be shown how comprehensive systematic planning in a Triad framework extends beyond normal data quality models. The course examines tools for managing the

uncertainties associated with sampling, social, economic, and political factors that significantly impact hazardous waste cleanup and reuse projects.

- Design dynamic work strategies. Systematic planning provides the foundation for designing effective dynamic work strategies (DWS). The course describes the components of a DWS, including (1) methods for verifying performance, (2) using collaborative data sets, (3) methods for real-time decision making, (4) managing sample and small scale variability, (5) designing project and field decision logic, (6) implementing contingencies, and (7) creating streamlined work plans.
- Recognize and overcome the challenges presented while implementing a dynamic work strategy. Controlling a project during a DWS is challenging and involves communication and planning. Participants will learn how to manage and adjust programs in the field while maintaining the project's integrity. The course describes methods for controlling and directing work during dynamic work efforts, which include using unitized costing, setting project ceilings, and lowering project costs. Participants will examine how more focused characterization efforts can extend project funds and maximize the data collected.
- Use Triad BMPs to support all phases of the environmental cleanup life cycle. In addition to supporting site characterization, Triad BMPs can directly support risk assessment, technology selection, remedial design, remedy implementation, long-term operations, and optimization efforts. The course describes specific ways practitioners can apply the BMPs to support these major project phases.

Triad Training for Practitioners is a 2-1/2-day course for those who would like more information on topics such as analytical technologies, in-depth sampling design, or system optimization and operation. EPA can work with training sponsors to customize this training to include facilitated panel discussions, site-specific case studies, technology demonstrations, or other material. Courses are provided at various locations in the continental United States. The target audience includes EPA, federal, state, tribal, and private industry technical project managers and stakeholders involved in the development and implementation of BMPs at hazardous waste sites. Attendees of this course should have some exposure to the Triad process and substantial experience in the areas of cleanup and reuse at hazardous waste sites.

Triad Training for Practitioners Agenda

Time	Topic
DAY 1	
8:30 a.m. – 9:00 a.m.	Welcome and course logistics
9:00 a.m. – 9:15 a.m.	Module 1: Introduction
9:15 a.m. – 9:45 a.m.	Module 2: Overview of the Triad Approach / Case Study

Time	Topic
9:45 a.m. – 10:00 a.m.	<i>BREAK</i>
10:00 a.m. – 11:00 a.m.	Module 2: Overview of the Triad Approach / Case Study (continued)
11:00 a.m. – 12:00 p.m.	<i>LUNCH</i>
12:00 p.m. – 1:30 p.m.	Module 3: Systematic Planning for Triad Projects / Case Study
1:30 p.m. – 1:45 p.m.	<i>BREAK</i>
1:45 p.m. – 3:15 p.m.	Module 3: Systematic Planning for Triad Projects / Case Study (continued)
3:15 p.m. – 3:30 p.m.	<i>BREAK</i>
3:30 p.m. – 5:00 p.m.	Module 3: Preliminary CSM Exercise

Waste Treatment, Transportation and Disposal

Waste Treatment, Transportation and Disposal, a 2-day advanced training course, focuses on specific technical and regulatory issues that On-Scene Coordinators (OSC) and Remedial Project Managers (RPMs) must address when treating, transporting, and disposing of waste. By taking the course, participants will achieve the following objectives:

- *Learn a step-by-step approach to the treatment, transportation, and disposal of waste.* The course discusses oversight of the major steps in procuring cost-effective and efficient treatment, transportation, and disposal of waste.
- *Explore alternative methods of treatment, transportation, and disposal of waste.* The course examines alternative means of addressing wastes, including both technical means and regulatory relief.
- *Discover practical recommendations for improving the treatment, transportation, and disposal process.* The course stresses some obvious and other less obvious aspects helpful in improving the transportation and disposal process.
- *Master information about the identification and analysis of waste.* Participants will obtain information from experienced professionals about the process of identifying and

analyzing special waste types and to arrange for treatment, transportation, and disposal of waste.

Waste Treatment, Transportation and Disposal is an advanced-level training course, which is intended only for personnel of Federal, state, and local agencies and tribes. The course is designed to equip OSCs with the information they need to plan for the treatment, transportation and disposal of wastes generated from removal actions. Other environmental professionals, such as Remedial Project Managers (RPM), site assessment managers, and state or local emergency response personnel, also may benefit from the course.

Waste Treatment, Transportation and Disposal Agenda

Time	Topic
DAY 1	
8:30 a.m. – 8:45 a.m.	Introduction Topics: Explain Objectives of Course Review Modules/Topics Importance of Treatment and Disposal
8:45 a.m. – 9:45 a.m.	Module 1: Overview of Regulatory Standards for Managing Wastes Generated at CERCLA Removal Action Topic: Relationship between CERCLA Removal Actions and Waste Management Requirements of Other Federal Laws
9:45 a.m. – 10:15 a.m.	Module 2: Identification and Management of RCRA Hazardous Waste Topics: Hazardous Waste Determination Definition of Solid Waste
10:15 a.m. – 10:30 a.m.	<i>BREAK</i>
10:30 a.m. – 12:00 p.m.	Module 2: Identification and Management of RCRA Hazardous Waste (continued) Topic: Definition of Hazardous Waste
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 2:45 p.m.	Module 2: Identification and Management of RCRA Hazardous Waste (continued) Topic: Land Disposal Restrictions
2:45 p.m. – 3:00 p.m.	<i>BREAK</i>
3:00 p.m. – 4:30 p.m.	Module 2: Identification and Management of RCRA Hazardous Waste (continued) Topic: Requirements and Policies Regarding On-site Management of Remediation Waste
DAY 2	
8:30 a.m. to 10:00 a.m.	Module 3: Waste Characterization Strategy Topics: Overview of Waste Sampling Operational Approach to Waste Identification Developing a Waste Analyses Strategy Common Field Characterization Technologies
10:00 a.m. – 10:15 a.m.	<i>BREAK</i>
10:15 a.m. – 11:15 a.m.	Module 4: Special Waste Types Topic: 18 Different Waste Types

Time	Topic
11:15 a.m. – 12:00 p.m.	Module 5: On-Site Treatment & Disposal of Waste Topics: On-site Treatment Technologies On-site Disposal Technologies ARARs
12:00 p.m. – 1:00 p.m.	<i>LUNCH</i>
1:00 p.m. – 1:45 p.m.	Module 6: Determining Whether to Manage Waste On-site or Off-site Topics: Factors to Consider Combining On-site and Off-site Actions Institutional Controls Exercise: On Site versus Off Site
1:45 p.m. – 2:30 p.m.	Module 7: Off-site Treatment and Disposal Topics: Off-site Transportation and Disposal Technologies Selecting an Appropriate TSDF Approval Process Waste Profiles Modes of Transportation DOT Requirements Hazardous Waste Manifest RCRA LDR Tracking Requirements
2:30 p.m. – 3:00 p.m.	Wrap Up Course Evaluations

National Association of Remedial Project Managers

2014-2020 NARPM Training Program Support:

- Provide support for monthly NARPM Co-Chair Calls
- NARPM Presents Webinar Series
 - Coordinate with presenters for 9-18 webinars scheduled annually
 - Schedule additional webinars, as necessary
- Once course announcements have been sent, regularly update the training team and instructor tracking chart with confirmed instructors and course leads
- Once courses have been confirmed, begin development and coordination for courses assigned to Contractor.
- Coordinate and develop training guidelines for remediation workforce as part of RPM professional development.
- Support the NARPM Training Committee and the OSC Task Force Training Committee to develop draft training guidelines to assist RPMs and OSCs meet mandatory and recommended training requirements.
- Promote Distance Learning alternative for RPM training.

EJ Training

- Contractor will work with the Office of Environmental Justice (OEJ) and the EPA TOCOR to support OEJ efforts such as Eco Ambassador toolkit, EJ training for OSCs

and RPMs, EJ training for Risk Assessors and Specialized Regional Training on EJ Resolution for Remedial Project Managers

Tribal Training

- Participate in conference calls with the EPA technical lead and technical review team to provide Tribal Training on Superfund and Clean-up Responses. Develop Training for delivery to Tribal hazardous waste community stakeholders and also to promote Tribal capabilities for hazardous waste clean-up jobs, contracts, and employment.

6. STATEMENT OF WORK:

The Contractor shall communicate with the TOCOR within five (5) days of receipt of the Task Order to determine if a meeting is appropriate submission of the Work Plan. If such a meeting is required, a Technical Directive (TD) will be issued by the TOCOR. Tasks for this Task Order (TO) shall fall under the following Performance Task Areas as identified in the contract, 3) Supporting symposia and meetings. 4) Developing draft technical training materials and supporting OSRTI in conducting and delivering hands-on workshops for EPA and state cleanup professionals, others in cleanup professions, academia, and the general public, consistent with established EPA policy and guidance. 5) Supporting EPA outreach.

Task 1. Work Plan (Ref: Clause B2 of the Contract)

The Contractor shall prepare a Work Plan for the accomplishment of the work described in the Task Order. The plan will include an overview of methodology to be used for each task, a master networked schedule, and resource requirements. The Contractor will provide intermediate milestone dates by task in accord with the guidance provided by EPA. The EPA COTOR must approve the task plan in writing and must approve any subsequent modifications.

Task 2. Support of the CERCLA Education Center Training Courses

The Contractor shall provide support to develop, deliver, and instruct all courses associated with EPA's CEC. As listed before, the CEC supports and/or sponsors the following courses:

- Superfund 101 (Fundamentals of Superfund)
- Superfund Essentials (1-day)
- Superfund Essentials for Executives Briefing (4 hours)
- Superfund Essentials Train-the-Trainer
- Removal Process
- Remedial Process
- OSC 201
- RPM 201
- Remedial Design/Remedial Action (RD/RA) Training Program for RPMs
- OSC Warrant Officer
- Advanced-level Training Program for OSCs and RPMs
- Removal Process for RPMs

- Waste Treatment, Transportation, and Disposal
- Preliminary Assessment/Site Inspection
- Hazardous Ranking System
- Triad Training for Managers
- Triad Training for Practitioners
- Integrating Water and Waste Programs to Restore Watersheds
- Risk Communication
- High Resolution Site Characterization
- Best Management Practices for Green Remediation, Site Characterization, and Site Assessment
- Leadership for Superfund Teams
- Best Management Practices
- Platform and Presentation Skill
- Project Management Training Program for OSCs and RPMs
- Negotiations Training for OSCs and RPMs
- Project Management Certification Training
- CERCLA for Small Businesses
- Site Remediation Optimization – Basics
- Site Remediation Optimization – Applied Techniques

Other courses may be added by TD as training needs for EPA's workforce are determined by EPA. The contractor can assume the Contractor must perform all tasks as described in Tasks 3 and Task 4 of the Performance Statement of Work for this Task Order. In addition, the Contractor shall conduct the following activities related to each of the above listed CEC courses as directed by the EPA Task Order Manager (TOCOR) and as courses are scheduled for October 2014 through October 2020:

- **Electronic Deliverable Format:** All electronic deliverables for this Task Order must be provided in a Microsoft compatible format. It should be noted that there is an overall contract requirement for electronic copies of all deliverables and a second copy shall also be delivered to the EPA TOCOR.
- **Integration of Triad Principles:** Contractor shall integrate Triad principles for site characterization and alternative remediation strategies into all applicable training courses as part of routine course revisions for every CEC Training Course.
- **Integration of Remedy Optimization Principles:** Contractor shall integrate remedy optimization principles as a best practice for project management into all applicable training courses as part of routine course revisions for every CEC Training Course.
- **Integration of Community Engagement Principles and Environmental Justice Principles:** Contractor shall integrate community engagement and environmental justice principles as best practices for project management into all applicable training courses as part of routine course revisions for every CEC Training Course.

- **Integration of Project Management Principles:** Contractor shall integrate project management principles for risk and site management as appropriate into all applicable training courses as part of routine course revisions for every CEC Training Course.
- **Integration of References and Resources:** Contractor shall review all CEC training courses and integrate references for available electronic and other information and support resources such as <http://CLUIN.ORG>, <http://trainex.org>, EPA's ERT, and EPA's Contract Lab program, and the Training, Groundwater, Federal Facility and Engineering Forums into all applicable training courses as part of course revisions for every CEC Training Course. Contractor shall update and include the CEC acronym list and include this list in every CEC training course. The Contractor shall provide necessary updates and maintain the resource CD-ROMs related to the Removal and Remedial processes. The contents from the CD-ROM shall be integrated into existing online resources used by EPA OSCs and RPMs.
- **Integration of Graphic Images and Actual Examples/Case Studies:** EPA has determined that participant learning is increased when CEC courses increase the percentage of graphic images and real life examples. Contractor shall review all revisions for CEC training courses and integrate graphic images to a ratio of at least 20% of all slides for each course. Contractor shall identify and incorporate actual examples, case studies, or similar real life learning experiences into applicable areas of all training courses as part of course revisions for every CEC Training Course. For purposes of estimating Contractor can assume an average of a two real life examples per day of a course.
- **CEC Fliers:** The Contractor shall update all CEC fliers to reflect any changes and if necessary, draft up to 5 new fliers per year for new CEC courses for the 2014-2020 calendar years. Each flier shall contain brief background information about the CEC, a description of the intended audience, information about the instructional methodology and length of the course, an outline of course content, and registration information. Upon receiving comments from EPA, the Contractor will prepare a final flier, incorporating EPA comments. After approval of the final flier by EPA, the Contractor shall prepare the final camera-ready version and provide EPA with a hard and electronic copy. In addition, the Contractor shall provide EPA with a .pdf version of the flier that can be uploaded onto the World Wide Web.
- **Revise and Develop Training Course Contents:** The Contractor shall develop and revise courses materials for all CEC Training Courses ongoing as appropriate and based on the CEC course calendar for 2014 through 2020. In addition, the Contractor may need to use senior-level subject matter experts to develop and revise materials based on the types of revisions as identified by EPA TOCOR and technical leads for each course. The revisions shall not change the structure or format of the training courses unless directed by the EPA TOCOR through a technical directive. The Contractor shall ensure that all current laws, regulations, and EPA policies and guidance are continually integrated into the course material. The Contractor also shall ensure that where applicable that visuals, such as site photographs, video clips, and Websites are integrated into all CEC Training courses. Training materials shall include for all CEC Training Courses presentation materials, an instructor's manual,

and participant materials to include DVD/CDs for participants.

The Contractor shall provide to an EPA Technical Lead for each CEC Training Course draft modules for any course materials that are updated based on course feedback from deliveries and/or changes to laws, regulations, and EPA policies and guidance. Upon receiving comments from EPA, the contract shall produce a final camera-ready of an instructor and participant manual.

- **Evaluation Memorandum:** The Contractor shall develop a participant and instructor evaluation form for inclusion in the training materials for each course and collect the completed forms after each course has been delivered. After each delivery of each course, the Contractor shall prepare an evaluation memorandum. The memorandum shall include a list of any typographical and contextual errors identified during the various deliveries that may require correction, a list of all substantial questions asked by the participants and the answers provided by the instructors, and a list of suggested changes and comments made by the training specialist and EPA during the delivery of the course. The memorandum shall also include the original completed evaluation forms.
- **Instructor Orientation/Train the Trainer Sessions:** The Contractor shall brief EPA instructors for the course deliveries as scheduled in the CEC Calendar. The EPA TOCOR shall provide the Contractor with a list of the EPA instructors for each scheduled delivery. The Contractor shall then schedule and facilitate at least two and not more than five train-the-trainer conference calls before each course delivery for all courses to prepare instructors and training specialists. The Contractor shall distribute appropriate materials to participants prior to the calls.

The sessions shall be conducted as one-hour conference calls. The Contractor shall develop and distribute an agenda and appropriate training materials to the instructors and the EPA TOCOR prior to each conference call. Conference call activities shall include reviewing and discussing course material and answering questions about the course material.

- **Course Delivery**

The Contractor shall provide for each delivery of the CEC courses identified in the CEC Calendar: one senior instructor who is a subject matter expert in the course material to instruct the course and one training specialist, as appropriate. For the HRS and PA/SI courses, the Contractor shall provide up to three senior instructors who are subject matter experts. The Contractor instructor(s) shall prepare for instructing the course and shall instruct significant portions of the course. The training specialist(s) and instructor(s) shall:

 - Coordinate a pre-delivery meeting of the EPA Task Order manager (TOCOR) and the EPA instructors
 - Set up the training room with audiovisual equipment and reference materials
 - Distribute and collect instructor and participant manuals
 - Support the other instructors by operating audiovisual and other equipment, according to the lesson plan
 - Identify text in training materials that may require revision or correction, such as

- typographical errors, as they are noticed during the delivery
 - Observe the delivery and taking detailed notes about timing, issues or problems that arise, questions asked, answers provided, and the general quality of the delivery
 - Repackage training materials after the delivery and arrange for their return to the Contractor and EPA as appropriate.
- **Administrative and Logistical Support for CEC Courses:** The Contractor shall provide administrative and logistical support for the deliveries of all the CEC courses identified in CEC Calendar. The Contractor shall provide photocopying support for all scheduled CEC courses identified in the CEC calendar including instructor and participant manuals, slides and videotapes, and reference materials. The Contractor shall photocopy and assemble up to 8 instructor manuals and 50 participant manuals for each course. It should be noted that some courses may require up to 75, and some as little as 20, but the most common number of manuals required is 50.

Many CEC courses such as Triad Training, High Resolution Groundwater Characterizations, Remedy Optimization, and Integrating Water and Waste Programs to Restore Watersheds are complex subjects that require using color graphics to convey many concepts. The use of these color images is prudent and approved. The Contractor shall also provide materials tailored for specific audiences and localities with color images.

The Contractor shall arrange shipment of the materials to the location scheduled for course delivery. The Contractor shall return training materials that are not distributed to course participants to EPA. Note: Government-owned audiovisual equipment shall be provided by the government when possible. The Contractor will provide all computers/ laptops for presentations necessary for the delivery of courses. The Contractor shall plan to coordinate with EPA to secure appropriate training facilities when government-owned facilities are not available, however this will be the very rare occasion. Under such circumstances, the Contractor shall coordinate with the facility to ensure that the necessary audiovisual (A/V) equipment and meeting space is available for the event. Contractor can assume meeting room training facility and A/V rentals shall not exceed \$2,000. Per event and no more than \$5,000 per year. The Contractor may be required to provide tables and chairs for training when government furnishings are not available in government facilities such as warehouses. For purposes of estimating the Contractor can assume no more than twice per year and rental costs will not exceed \$2,000 per year.

Contractor will follow in accordance with EPA Order 1900.3, Government Employees Training Act (GETA), and with all Agency policies for meetings, training, and conferences.

Task 3. Coordinate and develop training guidelines for RPMs and OSCs

The Contractor shall support the NARPM Training Committee and the OSC Task Force Training Committee to develop training guidelines to assist RPMs and OSCs meet mandatory and recommended training requirements. The Contractor shall support up to 2 face-to-face meetings for each group.

The specific dates and locations of all meetings shall be provided by the EPA TOCOR. For the purposes of the cost estimate, the Contractor shall assume that two staff members shall attend two meetings of each committee. Locations and dates shall be given by the TOCOR.

Task 4. Course Delivery Calendar

The Contractor shall prepare a draft of course calendars and to update the course calendars as deliveries are added, canceled, or postponed by EPA. For purposes of cost estimating, the Contractor shall assume that the calendar shall be updated up to 20 times per year. For each update, the Contractor shall provide a draft for EPA review and comment, and a final, incorporating EPA's comments. In addition, the Contractor shall provide EPA with a MS Word compatible and a .pdf version of the calendar that could be uploaded onto Internet.

Task 5. Support EPA OSWER Training Meetings and Activities

Under this task, the Contractor shall provide technical support for and attend meetings of the OSWER Training Coordination Team and meetings of the CEC Headquarter management team. The Contractor shall serve as a Training Subject Matter Expert to this group. The Contractor shall also support the OSWER Training Coordination Team members in coordinating, advertising, identifying and tracking both mandatory and recommended training courses for RPMs, OSCs, CICs and EPA Superfund Stakeholders.

Task 6. Training Meeting Support

The Contractor shall arrange for meetings of groups such as the NARPM Council Training Committee, OSC Task Force Training Committee, Engineering Forum, Groundwater Forum, Federal Facilities Forum, Focus Forum, Superfund Managers, Division Directors, Site Assessment, Superfund Analytical Operations Training, Information and Resource Management Training, and Other Training Teams as identified by Technical Directive.

The Contractor shall provide support for at least 2 meetings of OSCs, RPMs, Superfund support staff, and HQ representatives. The meetings have not yet all been scheduled; the Contractor shall begin to arrange for meeting space upon receipt of technical directives (TD) from EPA. For the cost estimate, the Contractor shall assume that the meetings will be three-day events for an average of 20 people.

The Contractor shall arrange shipment of the materials to the location scheduled for the delivery. The Contractor shall return materials that are not distributed to course participants to EPA. Note: Government-owned and the audiovisual equipment shall be provided by the government when possible. The Contractor shall plan to coordinate with EPA to secure appropriate facilities when government-owned facilities are not available. Under such circumstances, the Contractor shall coordinate with the facility to ensure that the necessary audiovisual (A/V) equipment and meeting space is available for the event.

The Contractor shall also acquire subject matter experts to facilitate and participate in meetings as directed by EPA. The Contractor shall be responsible for logistical concerns associated with obtaining the subject matter experts including coverage of travel expenses, in accordance with

GSA Travel and Per Diem rates.

Task 7. Internet Seminars and Maintenance of On-Line Training

The Contractor shall develop and coordinate the content no more than 60 Internet Seminars per year. The Contractor shall use existing materials from CERCLA Education Center training courses and courses offered as part of the OSC Readiness Training Programs and NARPM Annual Training Programs and develop new materials as determined by EPA via TD.

The Contractor shall maintain and revise as appropriate the existing on-line Fundamentals of Superfund training course.

Task 8. Develop and Implement Training Curriculum for SDBs

EPA's Office of Solid Waste and Emergency Response (OSWER) has initiated an effort to improve the technical competency of Small and Disadvantaged Businesses (SDB) as they compete for environmental cleanup jobs in a challenging market. Its key purpose is to provide targeted access to training and technology transfer in advanced technology and business growth areas in site characterization and remediation. The Contractor shall assist EPA to develop a training curriculum to help increase competency in areas such as Triad, green remediation, and effective data management to improve the state of practice among consulting and engineering service providers while also helping small and minority owned business enterprises compete for site cleanup work. Based on the identified needs and training objectives, the Contractor shall develop a curriculum to assist SDBs build their technical capacity related to environmental cleanup.

Task 9. Develop and Deliver Cleanup Technology Training for Tribal Environmental Professionals

The Contractor shall develop an issue paper to identify training needs related to best practices and treatment technologies for cleaning up hazardous waste sites for the Institute of Tribal Environmental Professionals (ITEP). The ITEP was created to act as a catalyst among tribal governments, research and technical resources at Northern Arizona University (NAU), various federal, state and local governments, and the private sector, in support of environmental protection of Native American natural resources. ITEP was established at NAU in 1992, in cooperation with the USEPA. Based on the identified needs, the Contractor shall develop and deliver no more than two training courses. For the purposes of the cost estimate, the Contractor shall assume that each course will be 3-hours in length.

The Contractor shall also support additional development of previously designed course modules to instruct Tribal College students on the historical operation, site characterization, and the remediation of mining sites in the US. The training shall focus on the environmental impact of current and former mining operations affecting Native American communities in the Southwest. Students presented with these course modules will be able to apply this knowledge to existing

projects, improve technical skills, and enhance job and career opportunities. Materials developed under the direction of the EPA may be available to instructors and /professors teaching in the environmental studies, science, and engineering programs at Tribal Colleges. The training materials shall incorporate traditional tribal knowledge, history, and culture as appropriate. The Contractor shall use existing materials from support of the CEC, OSC Readiness Training Program, the NARPM Training Program and other available training.

Tasks include the development of a detailed course and subject area outline for the proposed modules in coordination with a tribal subject matter consultant to ensure that traditional knowledge, history, and culture are incorporated. Training modules may include but not limited to the following general focus areas related to mining operations:

- General Superfund Remediation Processes and Requirements
- Basic Chemistry, Biology, Geology, and General Engineering Practices
- Historical and Current Mining Operation Practices (Nationally and Indian Country)
- Types of Mining Practices, Operations, Extraction Processes, and Geographical Locations
- Environmental Impacts to all media forms (soil, air, water, communities)
- Public Health Issues and other Risk Resulting from Mining Operations
- Regulatory and Statutory Requirements and Oversight (Federal, State, Local and Tribal)
- Site Characterization and Remediation Technologies (traditional and innovative approaches)
- Review of Case Studies, Videos, Maps, Photographs as Teaching Tools
- Traditional Tribal Knowledge, Culture and Science Experiences
- References, Electronic Resources, Reports and Guidance, Acronyms, Definitions and Terms
- Establishment of State of Art leaning practices (internet seminars, web conferences, on-line learning)

The Contractor shall provide one draft of each module to an EPA technical lead identified by the EPA WAM, and then incorporate comments from the technical lead and changes and updates based on feedback from deliveries and/or changes to laws, regulations, and EPA policies and guidance. Upon receiving approval from EPA WAM, the Contractor shall produce a final camera-ready of an instructor and participant manual and resource CD/DVD.

Task 10. Develop and Deliver Cleanup Technology Training for Remedy Optimization:

The Contractor shall develop and draft an issue paper to identify training needs and training objectives related to training of waste cleanup professionals for remedy optimization as a best practice in project management. EPA will determine key issues and objectives and provide this guidance to the Contractor. Based on the identified needs and training objectives, the Contractor shall develop and delivery two deliveries of a 1.5 day advanced level training course and four deliveries of a two-hour base line web-based training (each delivery will be divided into two one hour segments). For the purposes of the cost estimate, the Contractor shall assume that each course will require 2 draft and one final outline; and three drafts of the training materials

followed by one final for the first delivery. Course materials will be revised, as a standard of practice based on comments after each delivery, as described under Task 2 of this WA.

Task 11. Quick Turnaround Senior Management Requests

The Contractor shall respond to and provide information to EPA TOCOR for ad hoc requests from EPA management that arise from inquiries received on training related to OSC Readiness, NARPM, the CERCLA Education Center, and or other training meetings. Other information requests include providing bi-weekly updates on activities of the CEC, accomplishment reports, briefing packages, and other EPA reports that document OSRTI training activities. The Contractor shall assume 26 submissions of the bi-weekly updates, 15 reports, and 14 briefing packages. The EPA TOCOR shall provide TDs that specify the details and requirements for each report and or briefing package. Contractor will track individual costs for any ad hoc requests and provide that information during monthly progress reports.

Task 12. NARPM Annual Training Program Activities

- **Support for the Co-Chair Training Program Planning and/or NARPM Committees**
 - Plan, Facilitate, and Participate in Teleconference Meetings and Provide a Summary: The Contractor shall provide a training specialist and a technical subject matter expert to support the Co-Chair Training Planning and/or NARPM committees by taking notes and collecting information on training and resource issues discussed for each meeting. The Contractor shall provide a draft summary of the meeting to the EPA TOCOR. The summary shall highlight discussions held and resolutions of issues raised and shall identify action items generated during those discussions. The Contractor shall provide to EPA a final summary that incorporates EPA's comments on the draft. For the cost estimate, the Contractor shall assume that two staff shall be required to provide support during the meetings.

For each meeting of the Co-Chair Training Program Planning and/or NARPM committees, EPA shall provide the Contractor with a list of topics to be included in on the agenda. The Contractor shall assume that there will be no more than two such meetings held for each NARPM Annual Training Program. Within five days of receiving the list, the Contractor shall develop a final draft agenda and distribute it by electronic mail (e-mail) to all participants. In addition, the Contractor shall provide no more than 40 copies of material related to each Co-Chair Training Program Planning and/or NARPM committees meeting.

- Conference Calls: The Co-Chair Training Program Planning Committee holds monthly conference calls to discuss training and resources related to the training Program. To support the NARPM Co-Chair Training Program Planning Committee, the Contractor shall assist with and participate in as many as 12 one-hour-long conference calls (per each training Program). The Contractor shall provide logistical support, including preparation and distribution of agendas and summaries. The Contractor shall distribute the agendas by e-mail to participants 48 hours before each call. For the purposes of the work plan, the Contractor shall assume that only one draft of each summary will be prepared.
- Program and Training Development
 - Program Agendas: The Contractor shall prepare no more than 3 versions of a draft program agenda for the entire event by day, by hour and by venue based on input from EPA. Upon receiving comments from EPA, the Contractor shall prepare a final program agenda.
 - Track Progress of Training Development: Using the format established for the NARPM Annual Training Program, the Contractor shall track the progress of the development teams (no more than 64 teams) in preparing courses and delivering them during the annual training program. The Contractor shall develop milestone charts for development teams and document milestones as they are met by the development teams. The Contractor shall prepare informational materials for Headquarter and Regional management to communicate EPA staff who participates as course developers and/or instructors. The Contractor also shall coordinate and collect abstracts and other administrative information, such as audiovisual equipment and meeting room requirements, related to each course that is offered during the training Program. The Contractor also shall participate in conference calls held once a month (approximately 12 conference calls) by the development teams to ensure milestones are met. The Contractor shall communicate with the EPA TOCOR and EPA technical leads weekly to review the progress of the development teams.
 - Design and Develop Courses: The Contractor shall develop, modify, and/or procure instructional materials or coordinate with designated outside providers for all scheduled courses. For the purposes of the cost estimate, the Contractor should assume that at a minimum ten courses shall need significant support for development and delivery or revisions. Courses will be identified in a meeting of the NARPM Co-Chairs in and provided to the Contractor by the TOCOR via Technical Directive (TD). The Contractor shall assign senior level subject matter experts related to each course topic to develop and modify training materials. For purposes of estimating, the Contractor shall assume courses or topics will require support in the following areas:
 - Community Engagement
 - Environmental Justice
 - Media Training
 - Coordinating, Communicating, and Building Relationships with Tribes during Superfund Responses

- Effective Presentations
- Environmental Sampling
- Environmental Statistics
- Best Practices for Writing a ROD
- Institutional Controls
- Optimization
- Case Studies
- Plenary Sessions
- You Mean There is More than Superfund
- RCRA for RPMs
- Triad Training
- Risk Communication
- Green cleanups
- Negotiations
- Project Management
- Post Construction Completion
- High Resolution Site Characterization
- DNAPLs
- Vapor Intrusion
- ARARs
- Ecological Revitalization
- Sediment Remediation
- Recommended Interim Preliminary Remediation Goals for Dioxin in Soil
- Access and Other Legal Issues – Protecting EPA’s Interests and Avoiding Personal Liability
- Best Management Practices for More Effective Characterization and Remedy Implementation
- IGCE
- Leadership, Culture, and Performance
- Site Budgeting Planning
- Social Networking
- Cutting Edge Technologies

The Contractor shall schedule and facilitate no more than 10 conference calls or meetings for each course with the EPA technical leads to discuss the direction and content of the course. The Contractor shall develop and distribute an agenda for each call, along with copies of instructional materials that shall be discussed during the call. The Contractor shall use electronic mail to deliver the agendas and course material. If EPA teleconferencing services are not available, the Contractor shall arrange to provide conference call lines.

On the basis of discussions held during the conference calls, the Contractor shall develop a first draft of the instructional materials for each course within 30 days of

the first call, incorporating additions and revisions as discussed. The Contractor shall provide no more than five paper copies of the draft course material to EPA. Electronic dissemination of course materials is encouraged.

The Contractor shall submit final instructional materials that incorporate EPA's comments on the draft materials. The Contractor also shall provide to the EPA TOCOR two sets of compact disks (CD) containing all instructional material for all courses by all parties at the program.

- Prepare Evaluation Forms and Report: The Contractor shall develop and provide at least three types of an evaluation form to be completed by all participants. The forms shall be tailored for the overall training program, individual courses, and panel, information, and paper sessions. The forms shall provide EPA with the opportunity to gather information on how the program can be improved to ensure the RPMs are provided with the most useful training for improving their job performance. The Contractor shall provide draft evaluation forms to the EPA TOCOR and technical leads and incorporate EPA comments into the draft for the final form.

- **Instruct Training and Provide Support**

- Instruct and facilitate training courses: The Contractor shall provide senior level subject matter expert instructors and technical experts for support for development of approximately 13 courses per annual program.
- Collect Electronic Presentations and Create a Library of Training Materials: The Contractor shall collect in advance of the NARPM Training Program all electronic presentation materials from each development team to ensure that all files are compatible with equipment provided. In addition, the Contractor shall collect on-site two copies of all training materials in both hard copy and electronic format including materials not prepared by the Contractor. The Contractor shall assemble a library for EPA that includes all finalized training materials for the NARPM Training Program.

- **Administrative and Logistical Support**

- Coordinate Logistics for the NARPM Annual Training Program: The Contractor shall conduct activities to arrange the logistics for NARPM Training Program including the following:
 - The Contractor shall coordinate with EPA to secure an appropriate training venue for the event. The Contractor can anticipate no more than ten venues for the training program each day.
 - The Contractor shall coordinate with the facility to ensure that the necessary audiovisual (A/V) equipment and meeting space is available for the event.
 - The Contractor shall develop a graphic theme for the NARPM Training Program that will be applied to onsite materials and the temporary Training Program Website.

- The Contractor shall apply the design and layout of the graphic theme to the Training Program Website. The Website shall describe the curriculum design of the training portion of the training program, provide online registration, course descriptions, updates to events and schedules, and be used as a focal point for tracking course development and administration of the training Program. The Contractor shall prepare periodic updates to the Website describing the training program and its progress and deliver these in electronic-only format to EPA. The training program shall also post after action reports and course evaluations for 120 days. The Website is a temporary site and shall only be maintained approximately 150 days before the event with registration support and 150 days after the event with after action reports and evaluations. Contractor shall provide EPA with an electronic copy of the information provided on the final Website before it is removed.

Task 13. Develop a Media Library

Contractor will collect, organize and inventory electronic presentations for all CEC, OSC, and NARPM courses delivered since 2000 and create a Library of Training Materials. EPA shall provide the Contractor with the majority of these materials in electronic format. Some materials will not be available and will not be sought outside EPA's current inventory. Some materials will be in obsolete media and will require conversion to a usable format (e.g. Wordperfect to current Word or Adobe Portable Document Formats, or VHS to Digital media); some materials may only be in "hard copy" and will require scanning to create an electronic version. The Contractor shall assemble and maintain a library for reference and review.

Task 14. Distance Based Learning

Contractor will develop a distance based learning program for the CERCLA 3500.1 required courses Fundamentals of Superfund, Remedial Process, and Remedial Process.

Task 15. Homeland Security (formerly referred to as Weapons of Mass Destruction and Counter Terrorism) Awareness Training

The Contractor shall be prepared to provide materials for two deliveries of an advanced terrorism and weapons of mass destruction health and safety training awareness (Homeland Security Awareness) course over the period of performance. Homeland Security Awareness is now the accepted term of art previously known as Counter Terrorism. Each course delivery shall consist of 24 hours (3-days) of class room instruction. The course outline shall address:

- Awareness Level Counter Terrorism (CT) (4 hours)
- Operations/ Technical Level CT (12 hours)
- Incident Commander CT (8 hours)

The Contractor shall provide the appropriate number of subject matter expert instructors to develop and instruct the training course. The Contractor also shall provide administrative support for the deliveries. The Contractor shall provide photocopy support including instructor

and participant manuals, slides and video, and reference materials. The Contractor shall photocopy and assemble up to 4 instructor manuals and 35 participant manuals for each course delivery. At the conclusion of the course deliveries, the Contractor shall provide to the EPA TOCOR, two copies of the finalized, Instructor's Manual and Materials and the Participant's Manual and Materials, and one master electronic copy of all instructor and participant manuals used for the Homeland Security Awareness training.

The Contractor shall coordinate with the EPA regarding each delivery of the Homeland Security Awareness course. For the purposes of the cost estimate, the Contractor shall plan on one, one-to-three-day delivery to be held in Boston, MA. It is not anticipated that this course will be scheduled often on the CEC Calendar and the Contractor will have plenty of advanced notice for planning, development and preparation.

The Contractor shall assume that training facilities for the delivery will be government-owned and the audiovisual equipment will be provided by the government. Therefore, no costs for meeting space or audiovisual equipment shall be included in the cost estimate.

Task 16. Quick Turnaround for International Audiences

The EPA OSRTI often requires quick turnaround support for training development, revisions, and delivery for international delegations visiting the EPA to learn about the Superfund program and to build their technical capacity. As part of the effort to support EPA's international outreach, the Contractor shall provide quick turnaround support for training development, revisions, and delivery of existing materials through technical direction based from the EPA TOCOR. Contractor can assume at least five requests annually for this type of support.

The Contractor shall use materials from the CEC, OSC Readiness Training Program, and the NARPM Training Program to revise and tailor materials based on the outreach need and at the direction of the EPA TOCOR. The Contractor shall assume for each quick turnaround task, the Contractor shall participate in up to five (5) conference calls with the EPA lead to identify existing materials, provide an outline of proposed topics, and provide draft copies of the presentations for the EPA to review and comment. Upon receipt of comment, the Contractor shall incorporate the comments and produce the final course materials. The Contractor shall also coordinate the logistics of sending the course materials, if appropriate, to the required destination as specified in a technical directive and providing to the EPA the electronic presentation files.

Task 17. EPA OSWER Training Needs Assessment

The Contractor shall assist an EPA Training Needs Assessment team comprised of training stakeholders, providers, Contractors, and regional staff in the planning for and preparation of any EPA OSWER training needs assessments for RPMs, OSCs, and Community Involvement Coordinators (CIC). The Contractor shall participate in approximately 10 conference calls and assist in the design of the questions and the methodology to collect feedback for the needs assessment. The Contractor also shall assist in the compilation of the information collected and

assist in the development of recommendations for future training content and revisions to existing materials as well as delivery mechanisms based on the results of a needs assessment.

Task 18. Special Reporting to Senior Management

The Contractor shall assist EPA in researching and compiling reports required by EPA senior Management regarding costs for travel, meeting support, and logistics. Contractor can assume a minimum of 20 of these reports monthly. The average report will require research on contract government airfares, travel history, costs for transportation, costs for audiovisual support, costs for meeting support, per diem rates, and related cost estimates.

7. Schedule of Deliverables

Activity/Deliverable	Deliverable Due Date
Work Plan	As required by contract
CEC Course Fliers Revisions	Ongoing
New CEC Fliers	As specified in a TD from EPA
CEC Course Delivery Calendar	First of each month
CEC Individual Course Revisions	Ongoing
CEC Draft of Instructor Manual Modules	Within 5 working days of train-the-trainer sessions
CEC Final Camera Ready Instructor and Participant Manual and Electronic copy of Materials	5 working days prior to course delivery
CEC Evaluation Memorandum	Within 40 days following the completion of each course delivery
Support OSWER Training Meetings	As identified by the CEC Calendar
CEC Train the Trainer Sessions Agenda for Train the Trainer Sessions	Within 14 days of scheduled course delivery One week prior to scheduled call
CEC Course Deliveries and Onsite Meeting Support	As identified by the CEC calendar
Production and shipment of materials to the training site for CEC Courses	To arrive no later than 24 hours prior to course delivery
Return materials for CEC Courses	Within 10 working days following completion of course delivery
Internet Seminars and Online Training Maintenance	As specified in a TD from EPA
EJ Eco-Ambassador Training	As Directed by Technical Directive
Develop and Implement Training Curriculum for SDBs	As Directed by Technical Directive

NARPM Committee Meeting Support	As directed by TD
NARPM Conference Calls, Agendas, and Call summaries	Monthly
NARPM Draft program agenda	90 days before registration begins
NARPM Develop milestones for development teams	90 days prior to event
NARPM Track training development	Ongoing - requires weekly communication with EPA
NARPM Procure instructional materials	30 days after TD issued
NARPM Develop and/or modify training development materials	30 days after TD issued
NARPM Draft Materials	Within 30 working days after receipt of EPA comments on revisions proposed by Contractor
NARPM Final Materials	Within 15 working days after receipt of EPA comments on the revised draft materials
NARPM Produce Instructional Material	To arrive no later than 24 hours prior to each course delivery; all unused material and audiovisual equipment to be returned at the end of the training Program.
NARPM Draft evaluation forms	60 Calendar Days Prior to the Program
NARPM Final evaluation forms	Within two weeks of receiving EPA comments on draft
NARPM Provide senior level instructors and technical experts on-site for four courses	Ongoing
NARPM EPA Library	Ongoing through period of performance completed by September 09, 2019
CEC Training Library	Ongoing through period of performance completed by September 09, 2019
Distance Learning Program for 3500.1 Draft program	Ongoing through period of performance
Implementation and Support of Distance Learning Program	Ongoing through period of performance
Work Plan	As required by contract
Weapons of Mass Destruction and Counter Terrorism Awareness Training	As specified in a Technical Directive from EPA

Accelerated CEC Training for Senior OSCs and RPMs	As specified in a Technical Directive from EPA
Quick Turnaround for International Audiences	As specified in a Technical Directive from EPA
Provide Support to EPA's Small and Disadvantaged Businesses curriculum	Ongoing
Training on Mining Issues for Tribes	As specified in a Technical Directive from EPA
EPA OSWER Training Needs Assessment	Ongoing
Special Reporting to Senior Management	As specified in a Technical Directive from EPA
Support for NARPM	Ongoing, event dates are planned for Spring of every year

8. SPECIAL REPORTING:

The Contractor shall distribute a copy of each monthly report to the TOCOR, as generated.

COMPLIANCE WITH GREEN MEETINGS INITIATIVE

Sustainability efforts shall be considered when determining a training location. Consumption of resources will be addressed to reduce environmental impacts. For example, washable items such as plates, cups, and flatware shall be requested instead of disposable items that may end up in landfills. Paper, glass, and cans are recycled. Bottled water will not be provided as part of the breaks because of the impact the containers have on landfills unless they are necessary because of circumstances, instead drinking water in pitchers will be provided in the classrooms. Hotel managers shall be referred to the Green Hotel Association's questionnaire for meeting measures of sustainability and green practices and are encouraged to follow these practices to the extent possible for their properties.

When the Contractor solicits bids from a hotel for an event, the hotel management will be required to submit a completed copy of a Green Facility Checklist with their proposal. This information will be evaluated with other aspects of the quote as part of the facility condition. Green meeting information received from the meeting venue will be kept with the purchase file. Responses to the Green Meeting Questionnaire/Checklist will be considered such that environmentally preferable meeting services will be used to the greatest extent practicable. However, decision factors are not limited to the facility's practices itself. Other considerations such as public transportation and venues for food without traveling by car are important when supporting a green meeting environment.

TRAVEL

The Contractor shall follow Federal Travel Regulations (FTR) in affect at the time of the travel

for local and contiguous US (CONUS) travel, and shall follow the Joint Travel Regulations (JTR) in affect at the time of the travel for other than continuous US (OCONUS) travel. The work plan shall include a cost-estimate breakdown indicating number of proposed trips, number of travelers, destinations to and from, purpose, and cost (e.g., mileage, transportation costs, and subsistence rates). If exact travel requirements are unknown at the time of TO initiation and travel is required as a result of Technical Direction, the Contractor shall submit a cost estimate for the estimated travel for approval by the TOCOR and the Project Officer as part of the work plan.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE 02/23/2015		4. REQUISITION/PURCHASE REQ. NO. PR-OSWER-15-00118	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 072648579		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001 10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$300,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

IGF::CT::IGF

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to add incremental funding in the amount of \$300,000.00 to Task Order #0001. The new total amount of funding obligated to this Task Order is now \$613,700.00.

LIST OF CHANGES:

Reason for Modification : Funding Only Action

CHANGES FOR LINE ITEM NUMBER: 1

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Christie M. Deskiewicz	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. DATE SIGNED 02/23/2015	16C. DATE SIGNED 02/23/2015

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/001

PAGE OF

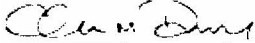
2

2

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this modification: \$300,000.00 Incremental Funded Amount changed from \$313,700.00 to \$613,700.00.</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-T-72BT-303DD2-2505-HQ00BM00-1572BT5002-001 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1572BT5002-001 Amount: \$300,000.00 Subject To Funding: N</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 2											
2. AMENDMENT/MODIFICATION NO. 002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OSWER-15-00232		5. PROJECT NO. (If applicable)											
6. ISSUED BY SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6) 		CODE											
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207				(x)		9A. AMENDMENT OF SOLICITATION NO.											
						9B. DATED (SEE ITEM 11)											
				x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001											
						10B. DATED (SEE ITEM 13) 10/23/2014											
CODE 072648579		FACILITY CODE															
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS																	
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.																	
12. ACCOUNTING AND APPROPRIATION DATA (If required)				Net Increase:		\$600,000.00											
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> <tr> <td style="text-align: center;">X</td> <td>LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS</td> </tr> </table>								CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:		D. OTHER (Specify type of modification and authority)	X	LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.																
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).																
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:																
	D. OTHER (Specify type of modification and authority)																
X	LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS																
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.																	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)																	
DUNS Number: 072648579																	
IGF::CT::IGF																	
TOCOR: Gary Turner Max Expire Date: 09/09/2019																	
The purpose of this modification is to add incremental funding in the amount of \$600,000.00 to Task Order 0001. These funds shall be used to complete approved work through the period of performance end date. The new total amount obligated to this task order is now \$1,213,700.00. The contractor shall not work beyond this point. The task order ceiling remains at \$7,778,586.00. All other terms and conditions remain the same.																	
LIST OF CHANGES:																	
Reason for Modification : Funding Only Action																	
Continued ...																	
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.																	
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)													
				Christie M. Deskiewicz													
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED											
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		ELECTRONIC SIGNATURE 04/27/2015											
NSN 7540-01-152-8070 Previous edition unusable				STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243													

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/002

PAGE OF

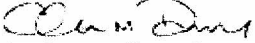
2

2

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: \$600,000.00 New Total Obligated Amount for this Award: \$1,213,700.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-T-72BT-303DD2-2505-1572BT5013-001 Beginning Fiscal Year 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1572BT5013-001 Amount: \$600,000.00 Subject To Funding: N</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 2				
2. AMENDMENT/MODIFICATION NO. 003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OSWER-15-00302		5. PROJECT NO. (If applicable)			
6. ISSUED BY SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207				(x)			9A. AMENDMENT OF SOLICITATION NO.		
							9B. DATED (SEE ITEM 11)		
				x			10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001		
							10B. DATED (SEE ITEM 13) 10/23/2014		
CODE 072648579		FACILITY CODE							
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS									
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.									
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule				Net Increase:		\$50,000.00			
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.									
CHECK ONE		A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
		D. OTHER (Specify type of modification and authority)							
X		LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.									
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)									
DUNS Number: 072648579									
IGF::CT::IGF									
TOCOR: Gary Turner Max Expire Date: 09/09/2019									
The purpose of this modification is to add incremental funding in the amount of \$50,000.00 to Task Order 0001 on EP-W-14-001. The new total amount obligated to this Task Order is now \$1,263,700.00. The contractor shall not work beyond this point. The total Task Order price ceiling remains at \$7,778,586.00.									
LIST OF CHANGES: Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$50,000.00 Continued ...									
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.									
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
				Christie M. Deskiewicz					
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED			
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		07/06/2015			
				ELECTRONIC SIGNATURE					
NSN 7540-01-152-8070 Previous edition unusable							STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243		

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/003

PAGE OF

2

2

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Obligated Amount for this Task Order: \$1,263,700.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-T-72BT-303DD2-2505-1572BT5018-001 Beginning Fiscal Year 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1572BT5018-001 Amount: \$50,000.00 Subject To Funding: N</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 072648579		FACILITY CODE		9B. DATED (SEE ITEM 11)	
				X 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001	
				10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$274,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

IGF::CT::IGF


Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to add incremental funding in the amount of \$274,000.00 to Task Order 0001 on EP-W-14-001. The new total amount of funds obligated to this Task Order is now \$1,487,700.00. The contractor shall not work beyond this point. The total estimated price ceiling remains at \$7,778,586.00. All other terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Christie M. Deskiewicz	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 09/29/2015

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/004

PAGE

OF

2

3

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Obligated Amount for this Modification:</p> <p>\$274,000.00</p> <p>Incremental Funded Amount changed from</p> <p>\$1,213,700.00 to \$1,487,700.00</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>15-T-D3P-303D72-2505-15D3P15018-001</p> <p>Beginning FiscalYear 15</p> <p>Ending Fiscal Year</p> <p>Fund (Appropriation) T</p> <p>Budget Organization D3P</p> <p>Program (PRC) 303D72</p> <p>Budget (BOC) 2505</p> <p>Job # (Site/Project) HQ00BM00</p> <p>Cost Organization</p> <p>DCN-LineID 15D3P15018-001</p> <p>Amount: \$148,255.00</p> <p>Subject To Funding: N</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>15-T-01E-303DC8-2584-1501CEP003-001</p> <p>Beginning FiscalYear 15</p> <p>Ending Fiscal Year</p> <p>Fund (Appropriation) T</p> <p>Budget Organization 01E</p> <p>Program (PRC) 303DC8</p> <p>Budget (BOC) 2584</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 1501CEP003-001</p> <p>Amount: \$124,000.00</p> <p>Subject To Funding: N</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>14-T-D3P-303D72-2505-15D3P15018-002</p> <p>Beginning FiscalYear 14</p> <p>Ending Fiscal Year</p> <p>Fund (Appropriation) T</p> <p>Budget Organization D3P</p> <p>Program (PRC) 303D72</p> <p>Budget (BOC) 2505</p> <p>Job # (Site/Project) HQ00BM00</p> <p>Cost Organization</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/004

PAGE OF

3

3

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	DCN-LineID 15D3P15018-002 Amount: \$1,745.00 Subject To Funding: N Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OSWER-15-00599	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001	
				10B. DATED (SEE ITEM 13) 10/23/2014	
CODE 072648579		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$29,422.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579
IGF::CT::IGF

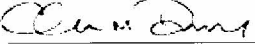
Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to correct the funding totals relayed in Modification 4 for this Task Order. Modification 4 added incremental funding in the amount of \$274,000.00, which brought the funding total from \$1,263,700.00 to \$1,537,700.00, as opposed to \$1,487,700.00 as mod 4 suggested.

This modification also adds incremental funding in the amount of \$29,422.00. The new total Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Christie M. Deskiewicz	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 09/30/2015

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/005

PAGE OF

2

2

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>amount of funds obligated to this Task Order is now \$1,567,122.00. The contractor shall not work beyond this point. The total estimated price ceiling of this Task Order remains at \$7,778,586.00.</p> <p>All other terms and conditions remain the same.</p> <p>LIST OF CHANGES: Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$29,422.00 New Total Obligated Amount for this Award: \$1,253,422.00 Incremental Funded Amount changed: from \$1,537,700.00 to \$1,567,122.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-H-D3P-303D91-2505-15D3P15016-001 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) H Budget Organization D3P Program (PRC) 303D91 Budget (BOC) 2505 Job # (Site/Project) ZQ00 Cost Organization DCN-LineID 15D3P15016-001 Amount: \$29,422.00 Subject To Funding: N</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 006		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OSWER-16-00037	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001	
				10B. DATED (SEE ITEM 13) 10/23/2014	
CODE 072648579		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$45,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579
IGF::CT::IGF


Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to add incremental funding in the amount of \$45,000.00 to this Task Order. These funds are to be utilized on the food recovery summit deliverables. The new total funds ceiling for Task Order 0001 is now \$1,612,122.00. The contractor shall not work beyond this point. The total estimated task order price ceiling remains at \$7,778,586.00.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Christie M. Deskiewicz	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 11/16/2015

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/006

PAGE OF

2

2

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>All other terms and conditions remain the same.</p> <p>LIST OF CHANGES: Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$45,000.00 Incremental Funded Amount changed from \$1,567,122.00 to \$1,612,122.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-17-B-31M-302DA1-2585-1631MRP004-001 Beginning FiscalYear 16 Ending Fiscal Year 17 Fund (Appropriation) B Budget Organization 31M Program (PRC) 302DA1 Budget (BOC) 2585 Job # (Site/Project) MS753106 Cost Organization DCN-LineID 1631MRP004-001 Amount: \$45,000.00 Subject To Funding: N</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 007		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 072648579		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001 10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$567,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

IGF::CT::IGF

Training Support for CERCLA Education Center


TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to add incremental funding in the amount of \$567,000.00 to this Task Order. The new total amount of funds obligated to this Task Order is now \$2,179,122.00. The contractor shall not work past this point. All other terms and conditions remain the same.

LIST OF CHANGES:

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Christie M. Deskiewicz	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 01/21/2016

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/007PAGE OF
2 3NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$567,000.00 Incremental Funded Amount changed from \$1,612,122.00 to \$2,179,122.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-T-72BT-303DD2-2505-1572BT5020-001 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1572BT5020-001 Amount: \$205,000.00 Subject To Funding: N</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-16-B-72BH-301D43-2505-1572BT5020-002 Beginning FiscalYear 15 Ending Fiscal Year 16 Fund (Appropriation) B Budget Organization 72BH Program (PRC) 301D43 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1572BT5020-002 Amount: \$30,000.00 Subject To Funding: N</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-T-72BT-303DD2-2505-1572BT5030-001 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1572BT5030-001 Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/007

PAGE OF

3

3

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Amount: \$332,000.00 Subject To Funding: N</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 008		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OLEM-16-00144	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 072648579		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001 10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$200,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

IGF::CT::IGF

Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019


The purpose of this modification is to add incremental funding in the amount of \$200,000.00 to this task order. The new total amount of funding obligated is now \$2,379,122.00. The contractor shall not work beyond this point. All other terms and conditions remain the same.

LIST OF CHANGES:

Reason for Modification : Funding Only Action

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Christie M. Deskiewicz	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 03/11/2016

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/008

PAGE 2 OF 3

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this modification: \$200,000.00 Incremental Funded Amount changed from \$2,179,122.00 to \$2,379,122.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-72BT-303DD2-2505-1672BT5007-001 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) MM757202 Cost Organization DCN-LineID 1672BT5007-001 Amount: \$80,000.00 Subject To Funding: N</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-72BT-303DD2-2505-1672BT5007-002 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1672BT5007-002 Amount: \$120,000.00 Subject To Funding: N</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/008

PAGE 3 OF 3

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 009		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OSWER-15-00624	
6. ISSUED BY SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		7. ADMINISTERED BY (If other than Item 6)		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		(x)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 072648579		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001	
				10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$387,290.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579
IGF::CT::IGF

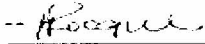
Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to add incremental funding in the amount of \$387,290.00 via purchase request PR-OSWER-15-00624 to Delivery/Task Order: EP-W-14-001/0001. This modification also removes Christie Deskiewicz as the Contracting Officer and add Eulvid Rocque. The new total amount of funds obligated \$2,766,412.00. The contractor shall not work beyond this point. All other terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Eulvid Rocque	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA --  -- (Signature of Contracting Officer)	16C. DATE SIGNED 04/25/2016

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/009PAGE OF
2 3NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES: Reason for Modification : Funding Only Action</p> <p>Contracting Officer changed from Christie M Deskiewicz to Eulvid Rocque</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: \$387,290.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-T-D3P-303DC6-2505-15D3P15019-001 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization D3P Program (PRC) 303DC6 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 15D3P15019-001 Quantity: 0 Amount: \$236,119.00 Percent: 3.0355 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-T-D3P-303D72-2505-15D3P15019-002 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization D3P Program (PRC) 303D72 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/009PAGE OF
3 3NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	DCN-LineID 15D3P15019-002 Quantity: 0 Amount: \$151,171.00 Percent: 1.94343 Subject To Funding: N Payment Address: Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 010		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OLEM-16-00241	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		9A. AMENDMENT OF SOLICITATION NO.	
CODE 072648579		FACILITY CODE		9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001	
				10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$5,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579
IGF::CT::IGF

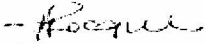
Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to obligate incremental funding in the amount of \$5,000 via requisition number: PR-OLEM-16-00241 to Contract EP-14-001 task order 0001. This modification also de-obligates funding in the amount of \$8,858.12 from line of accounting (16-17-B-31M-302DA1-2585-1631MRP004-001). The new funding ceiling for this task order is now \$2,762,553.88. The contractor shall not work beyond this point. All terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Eulvid Rocque	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 06/16/2016

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/010

PAGE

OF

2

3

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$5,000.00 New Total Obligated Amount for this Award: \$2,457,712.00 Incremental Funded Amount changed: from \$2,452,712.00 to \$2,457,712.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 1 Obligated Amount for this modification: \$5,000.00 Incremental Funded Amount changed from \$2,452,712.00 to \$2,457,712.00</p> <p>CHANGES FOR ACCOUNTING CODE: 16-17-B-31M-302DA1-2585-1631MRP004-001 Amount changed from \$45,000.00 to \$36,141.88 Percent changed from .57851 to 0</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-17-B-72BH-301D43-2505-1672BH5007-001 Beginning FiscalYear 16 Ending Fiscal Year 17 Fund (Appropriation) B Budget Organization 72BH Program (PRC) 301D43 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1672BH5007-001 Quantity: 0 Amount: \$5,000.00 Percent: .06428 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/010PAGE OF
3 3NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	2777 South Crystal Drive Mail Code: Arlington VA 22202 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 011		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 072648579		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001 10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: \$603,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

IGF::CT::IGF

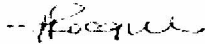
Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to obligate incremental funding in the amount of \$560,000 via requisition number: PR-OLEM-16-00273, \$8,000 via requisition number: PR-OLEM-16-00283 and \$35,000 via requisition number: PR-OLEM-16-00268 for a total funding amount of \$603,000 to Contract EP-14-001 task order 0001. The new funding ceiling for this task order is now \$3,365,553.88. The contractor shall not work beyond this point. All terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Eulvid Rocque	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 06/30/2016

NSN 7540-01-152-8070

Previous edition unusable

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/011PAGE OF
2 4NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$603,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 15-TD-1A00C-303D72-2505-C001-161ACTP510-001 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) TD Budget Organization 1A00C Program (PRC) 303D72 Budget (BOC) 2505 Job # (Site/Project) 0100TH00 Cost Organization C001 DCN-LineID 161ACTP510-001 Quantity: 0 Amount: \$10,282.50 Percent: .13219 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-1A00C-303D72-2505-C001-161ACTP510-003 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization 1A00C Program (PRC) 303D72 Budget (BOC) 2505 Job # (Site/Project) 0100TH00 Cost Organization C001 DCN-LineID 161ACTP510-003 Quantity: 0 Amount: \$8,611.55 Percent: .11071 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/011PAGE OF
3 4NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 NEW ACCOUNTING CODE ADDED: Account code: 16-T-72BT-303DD2-2505-1672BT5016-001 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1672BT5016-001 Quantity: 0 Amount: \$560,000.00 Percent: 7.19925 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 NEW ACCOUNTING CODE ADDED: Account code: 15-T-1A00C-303D72-2505-C001-161ACTP510-002 Beginning FiscalYear 15 Ending Fiscal Year Fund (Appropriation) T Budget Organization 1A00C Program (PRC) 303D72 Budget (BOC) 2505 Job # (Site/Project) 0100TH00 Cost Organization C001 DCN-LineID 161ACTP510-002 Quantity: 0 Amount: \$16,105.95 Percent: .20705 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency Continued ...				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/011

PAGE

OF

4

4

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-17-B-72BH-303D99-2505-1672BH5010-001 Beginning FiscalYear 16 Ending Fiscal Year 17 Fund (Appropriation) B Budget Organization 72BH Program (PRC) 303D99 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1672BH5010-001 Quantity: 0 Amount: \$8,000.00 Percent: .10285 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 012		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6)	
SRRPOD US Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 072648579		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001 10B. DATED (SEE ITEM 13) 10/23/2014	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: \$905,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579
IGF::CT::IGF

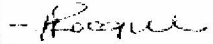
Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to obligate incremental funding in the amount of \$50,000 via requisition number: PR-OLEM-16-00303, \$55,000 via requisition number: PR-OLEM-16-00376 and \$800,000 via requisition number: PR-OLEM-16-00356 for a total funding amount of \$905,000 to Contract EP-14-001 task order 0001. The new funding ceiling for this task order is now \$4,270,553.88. The contractor shall not work beyond this point. All terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Eulvid Rocque	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 08/10/2016

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/012

PAGE 2 OF 4

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES: Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$905,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-D3P-303D72-2505-16D3P15022-001 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization D3P Program (PRC) 303D72 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 16D3P15022-001 Quantity: 0 Amount: \$350,000.00 Percent: 4.49953 Subject To Funding: N Payment Address:</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-D3P-303DC6-2505-16D3P15022-002 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization D3P Program (PRC) 303DC6 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 16D3P15022-002 Quantity: 0 Amount: \$450,000.00 Percent: 5.78511 Subject To Funding: N Payment Address:</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-72BA-303DD2-2505-1672BJ5014-001 Beginning FiscalYear 16 Ending Fiscal Year Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/012PAGE OF
3 4NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Fund (Appropriation) T Budget Organization 72BA Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1672BJ5014-001 Quantity: 0 Amount: \$50,000.00 Percent: .64279 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 NEW ACCOUNTING CODE ADDED: Account code: 16-T-72BT-303DD2-2505-1672BT5031-001 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1672BT5031-001 Quantity: 0 Amount: \$55,000.00 Percent: .70707 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA Continued ...				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/012

PAGE OF

4

4

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 013		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Frances Schossow 9300 LEE HIGHWAY FAIRFAX VA 220311207		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-14-001 0001	
				10B. DATED (SEE ITEM 13) 10/23/2014	
CODE 072648579		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$679,900.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) LIMITATION OF GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

IGF::CT::IGF

Training Support for CERCLA Education Center

TOCOR: Gary Turner Max Expire Date: 09/09/2019

The purpose of this modification is to obligate incremental funding in the amount of \$90,000 via requisition number: PR-OLEM-16-00345, \$585,000 via requisition number: PR-OLEM-16-00359 and \$4,900 via requisition number: PR-OLEM-16-00396 for a total funding amount of \$679,900 to Contract EP-14-001 task order 0001. The new funding ceiling for this task order is now \$4,950,453.88. The contractor shall not work beyond this point. All terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Eulvid Rocque	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 09/15/2016

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-W-14-001/0001/013

PAGE OF

2

3

NAME OF OFFEROR OR CONTRACTOR

ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Reason for Modification : Funding Only Action Obligated Amount for this Modification: \$679,900.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-72BT-303DD2-2505-1672BT5032-001 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72BT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1672BT5032-001 Quantity: 0 Amount: \$4,900.00 Percent: .06299 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-D3P-303D72-2505-16D3P15019-001 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization D3P Program (PRC) 303D72 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 16D3P15019-001 Quantity: 0 Amount: \$585,000.00 Percent: 7.52065 Subject To Funding: N Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) Continued ...</p>				

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-14-001/0001/013

PAGE 3 OF 3

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 16-T-72DT-303DD2-2505-1672DT5005-001 Beginning FiscalYear 16 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72DT Program (PRC) 303DD2 Budget (BOC) 2505 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1672DT5005-001 Quantity: 0 Amount: \$90,000.00 Percent: 1.15702 Subject To Funding: N Payment Address:</p> <p>Delivery: 09/09/2019 Delivery Location Code: OSWER/OSRTI/RMD Resources Management Division U.S. EPA One Potomac Yard (South Building) 2777 South Crystal Drive Mail Code: Arlington VA 22202</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 FOB: Destination Period of Performance: 10/23/2014 to 09/09/2019</p>				